

ADDENDUM TO

ARB-TDA REPORT NO. 50-78

AMBIENT AIR SURVEY IN TERRACE BAY

1977

(Compilation of Time Averaged Data)

(Kimberly-Clark of Canada, Limited)

JUNE, 1978



Ministry  
of the  
Environment

MOE  
TEP  
AMM  
ALMR

The Honourable  
George R. McCague,  
Minister

K.H. Sharpe,  
Deputy Minister

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AIR RESOURCES BRANCH

TECHNOLOGY DEVELOPMENT AND APPRAISAL SECTION  
MONITORING AND INSTRUMENTATION DEVELOPMENT UNIT

ADDENDUM TO

ARB-TDA-REPORT NO. 50-78

AMBIENT AIR SURVEY IN TERRACE BAY

1977

(Compilation of Time Averaged Data)

(Kimberly-Clark of Canada, Ltd.)

Ontario Ministry of  
the Environment,  
880 Bay Street,  
Toronto, Ontario.

JUNE, 1978

(i)

These statistical printouts (P/0) are the tabulated results for the monitored gaseous pollutants as detected in the vicinity of the Kimberly-Clark of Canada, Limited, mill in Terrace Bay, Ontario during fall of 1977.

All statistical values are based on instantaneous recorded values and all results are expressed in ppm (parts per million). Refer to Section 07 of the initial survey report.

All survey headings have the following format:

TERRACE BAY #

All surveys are presented in numerical order, however several of the surveys will be found to be omitted. Reasons for the omissions were as follows:

- i) insufficient data - monitoring period was too short in duration.
- ii) invalid data - instrument error, hardware problems.
- iii) calibration data - several surveys contained this type of data only.

Survey period, Terrace Bay #5, statistical analyses was included in initial survey report.

Additional wind-rose and concentration/time graphs are included for the reader's convenience.

## TERRACE BRY #1

DATE: SEP 29 1977  
 SCAN TIME: 120 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: BRIDGE W. OF T.B., (49160-54034) 11.4 KM & 210 DEG X SOURCE

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
16:53----17:23	6.7E-01 6.6E-01 9.7E-02 11 49	1.1E-02 1.1E+00 5.8E-02 55	1.6E+00 1.1E-01 1.7E-02 987	4.8E-03 1.5E-02 6.1E-03 7
17:03----17:33	5.4E-01 5.5E-01 1.3E-01 11 46	1.3E-02 1.1E+00 9.0E-01 54	1.6E+00 1.5E-01 1.8E-02 987	4.0E-03 3.6E-02 2.1E-02 8
17:13----17:43	2.8E-01 5.4E-01 1.5E-01 10 46	1.5E-02 1.1E+00 3.1E+00 50	1.5E+00 1.7E-01 1.9E-02 987	3.4E-03 3.5E-02 3.6E-02 7
17:23----17:53	5.6E-01 5.5E-01 1.5E-01 10 54	1.7E-02 1.1E+00 3.1E+00 49	1.5E+00 2.0E-01 1.9E-02 987	3.2E-03 6.2E-02 4.5E-02 7
17:33----18:03	5.8E-01 6.1E-01 1.2E-01 11 57	1.8E-02 1.0E+00 2.4E+00 48	1.8E+00 1.8E-01 1.9E-02 987	2.9E-03 6.7E-02 4.5E-02 6
17:43----18:13	5.6E-01 4.7E-01 6.7E-02 11 50	2.0E-02 8.3E-01 2.9E-01 52	1.5E+00 1.2E-01 1.9E-02 987	2.8E-03 6.2E-02 4.5E-02 7
17:53----18:23	5.9E-02 2.8E-01 2.6E-02 11 45	2.0E-02 4.7E-01 1.9E+00 52	9.5E-01 5.4E-02 1.9E-02 987	2.6E-03 3.6E-02 4.6E-02 7
18:03----18:33	1.0E+00 3.6E-02 2.9E-03 11 51	2.4E-02 1.6E-01 1.6E+00 49	1.6E-01 6.5E-04 1.9E-02 987	2.8E-03 2.0E-03 4.6E-02 8
18:13----18:43	1.9E+00 2.1E-06 3.3E-03 11 52	2.8E-02 4.5E-03 1.6E+00 48	1.1E-05 8.9E-04 2.0E-02 987	3.1E-03 2.0E-03 4.7E-02 9
18:23----18:53	2.2E+00 2.1E-06 2.6E-03 11 47	3.2E-02 9.4E-06 2.1E-01 44	1.1E-05 7.4E-04 1.9E-02 987	3.4E-03 2.2E-03 4.7E-02 10

TIME	CO THC-CH4	TRS CH4 NO HG HUMIDITY	THC NOX OZONE BAROMETER	S02 HO2 SOLAR RAD WIND SPEED
	TEMP WIND DIRECTION			
18:33----19:03	1.2E+00 2.3E-01 2.6E-03 11 48	3.3E-02 3.8E-02 2.1E-01 47	1.1E-05 7.9E-04 2.0E-02 987	3.5E-03 1.7E-03 4.8E-02 12

## STATISTICS

NUMBER OF READINGS 66

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	1.21E+01	7.91E-01	2.15E+00	3.84E-04	9.20E+02
THC	1.00E-06	3.52E-02	2.11E-02	9.80E-03	1.20E-02	9.32E+00
S02	1.00E-06	4.27E+00	9.33E-01	9.31E-01	6.32E-03	9.96E+02
THC-CH4	1.00E-06	6.28E-03	3.46E-03	9.80E-04	3.34E-03	1.29E+00
CH4	1.00E-06	3.46E+00	3.96E-01	5.67E-01	3.38E-03	6.18E+02
NOX	1.00E-06	1.20E+00	6.27E-01	5.07E-01	7.51E-03	7.27E+02
HO2	1.00E-06	3.24E-01	8.30E-02	9.69E-02	2.82E-03	1.20E+02
HO	1.00E-06	2.31E-01	2.64E-02	5.31E-02	2.21E-04	1.51E+02
HG	1.00E-06	1.97E-01	6.22E-02	6.45E-02	1.02E-02	2.28E+01
OZONE	1.16E-02	2.20E-02	1.18E+00	5.11E+00	4.97E-02	2.20E+01
SOLAR RAD	1.00E-06	4.85E-02	3.72E-02	1.84E-02	1.87E-02	1.13E+00
TEMP	6	12	11	1		
HUMIDITY	0	55	50	11	28	23
BAROMETER	987	991	987	1	987	1
WIND SPEED	1	23	9	5	7	2

## TERRACE BAY #2

DATE: SEP 30 1977  
 SCAN TIME: 30 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: BRIDGE W. OF T.B., (49160-54034) 1.4 KM & 210 DEG / SOURCE

TIME	CO	TRS	THC	SO2
	THC-CH4	CH4	NOX	NO2
	NO	HG	OZONE	SOLAR RAD
	TEMP	HUMIDITY	BAROMETER	WIND SPEED
	WIND DIRECTION			
11:42----12:12	3.9E-01 6.1E-01 1.5E-01 13 52	1.7E-02 1.1E+00 8.3E-01 42	1.6E+00 2.0E-01 2.1E-02 987	2.9E-03 7.0E-02 5.2E-02 8
11:57----12:27	5.2E-01 5.7E-01 3.1E-01 13 50	1.7E-02 1.1E+00 6.4E-01 43	1.6E+00 3.7E-01 2.1E-02 987	4.3E-03 7.9E-02 5.3E-02 7
12:12----12:42	3.9E-01 5.2E-01 4.6E-01 13 53	1.6E-02 1.1E+00 3.8E-02 42	1.6E+00 5.1E-01 2.2E-02 987	8.7E-03 6.7E-02 5.5E-02 6
12:27----12:57	2.3E-01 6.0E-01 5.3E-01 13 46	1.3E-02 1.1E+00 5.2E-02 42	1.7E+00 6.2E-01 2.1E-02 987	1.2E-02 9.3E-02 5.5E-02 6
12:42----13:12	2.1E-01 6.6E-01 5.2E-01 14 26	1.2E-02 1.1E+00 6.6E-02 42	1.7E+00 6.1E-01 2.1E-02 987	1.0E-02 9.7E-02 5.5E-02 5
12:57----13:27	4.6E-01 5.7E-01 4.5E-01 14 39	1.2E-02 1.1E+00 7.9E-02 42	1.6E+00 5.1E-01 2.1E-02 986	9.5E-03 7.9E-02 5.6E-02 5
13:12----13:42	1.5E+00 4.7E-01 3.8E-01 15 35	1.6E-02 1.1E+00 8.7E-02 41	1.5E+00 4.2E-01 2.1E-02 986	8.1E-03 5.9E-02 5.6E-02 6
13:27----13:57	2.1E+00 4.9E-01 3.7E-01 15 23	1.9E-02 1.2E+00 1.7E-01 40	1.6E+00 4.2E-01 2.2E-02 986	7.6E-03 5.6E-02 5.3E-02 6
13:42----14:12	1.8E+00 5.5E-01 3.7E-01 14 31	2.5E-02 1.2E+00 3.0E-01 40	1.6E+00 4.6E-01 2.2E-02 986	9.5E-03 9.2E-02 4.7E-02 6
13:57----14:27	1.3E+00 5.6E-01 4.5E-01 14 21	2.6E-02 1.2E+00 3.6E-01 39	1.6E+00 5.2E-01 2.2E-02 986	8.0E-03 8.7E-02 4.8E-02 5

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	S02 NO2 SOLAR RAD WIND SPEED
14:12----14:42	1.0E+00 4.9E-01 4.1E-01 15 26	2.0E-02 1.2E+00 3.6E-01 37	1.5E+00 4.6E-01 2.3E-02 986	6.9E-03 6.9E-02 4.6E-02 5
14:27----14:57	1.2E+00 4.8E-01 3.6E-01 14 42	2.8E-02 1.2E+00 3.5E-01 39	1.5E+00 4.7E-01 2.3E-02 986	6.8E-03 1.2E-01 3.0E-02 6
14:42----15:12	1.7E+00 4.8E-01 6.4E-01 14 10	3.1E-02 1.1E+00 4.0E-01 38	1.5E+00 7.8E-01 2.3E-02 986	5.3E-03 2.2E-01 3.8E-02 5
14:57----15:27	1.8E+00 4.2E-01 6.7E-01 14 335	2.4E-02 1.1E+00 4.0E-01 36	1.4E+00 7.7E-01 2.4E-02 986	3.2E-03 1.8E-01 4.5E-02 6
15:12----15:42	1.5E+00 4.9E-01 5.8E-01 14 336	2.1E-02 1.1E+00 3.4E-01 36	1.5E+00 6.3E-01 2.4E-02 986	2.3E-03 9.0E-02 4.4E-02 7
15:27----15:57	1.2E+00 5.3E-01 5.0E-01 14 354	2.1E-02 1.1E+00 3.4E-01 34	1.6E+00 5.3E-01 2.5E-02 986	2.2E-03 8.2E-02 5.2E-02 6
15:42----16:12	7.2E-01 4.9E-01 3.6E-01 15 26	1.9E-02 1.1E+00 3.4E-01 33	1.5E+00 3.9E-01 2.5E-02 986	3.7E-03 6.1E-02 5.0E-02 6
15:57----16:27	4.5E-01 4.9E-01 3.4E-01 15 27	1.6E-02 1.1E+00 4.1E-01 33	1.5E+00 3.9E-01 2.3E-02 986	7.8E-03 6.7E-02 4.5E-02 7

## STATISTICS

NUMBER OF READINGS 573

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	1.20E+01	9.94E-01	9.76E-01	6.31E-02	2.28E+02
<del>WRS</del>	8.96E-03	4.38E-02	1.94E-02	6.77E-03	1.84E-02	1.38E+00
THC	7.61E-01	7.15E+00	1.57E+00	4.88E-01	1.53E+00	1.21E+00
SO2	1.41E-03	3.12E-02	6.60E-03	5.85E-03	4.86E-03	2.13E+00
THC-CH4	9.55E-02	4.76E+00	5.24E-01	4.22E-01	4.71E-01	1.45E+00
CH4	7.64E-01	1.39E+00	1.13E+00	5.43E-02	1.13E+00	1.05E+00
NOX	1.00E-06	1.88E+00	4.88E-01	2.65E-01	3.91E-01	3.12E+00
NO2	1.00E-06	2.25E+00	9.08E-02	1.80E-01	3.11E-03	1.63E+02
NO	1.00E-06	1.49E+00	4.23E-01	2.41E-01	3.38E-01	2.81E+00
HG	1.00E-06	1.82E+01	3.17E-01	1.08E+00	1.29E-01	6.54E+00
OZONE	7.52E-03	2.86E-02	2.24E-02	2.96E-03	2.22E-02	1.16E+00
SOLAR RAD	9.20E-03	6.75E-02	4.87E-02	1.38E-02	4.54E-02	1.55E+00
TEMP	10	16	14	1		
HUMIDITY	0	49	39	6	31	7
BAROMETER	986	988	986	0	986	1
WIND SPEED	0	24	8	5	6	3

## TERRACE BAY #3

DATE: SEP 30 1977  
 SCAN TIME: 120 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: BRIDGE W. OF T.B., (49160-54034); 1.4 KM & 210 DEG / SOURCE

TIME	CO THC-CH4	TRS CH4	THC NOX	SO2 NO2
	NO	HG	OZONE	SOLAR RAD
	TEMP	HUMIDITY	BAROMETER	WIND SPEED
	WIND DIRECTION			
16:53----17:23	1.5E+00 3.0E-01 1.6E-01 14 21	1.8E-02 7.0E-01 7.5E-01 35	1.1E+00 1.2E-01 2.4E-02 986	8.6E-03 3.0E-02 2.2E-02 7
17:03----17:33	1.6E+00 1.6E-01 8.3E-02 13 14	1.1E-02 3.5E-01 1.5E-01 37	5.3E-01 6.4E-02 2.4E-02 986	3.9E-03 1.5E-04 1.9E-02 8
17:13----17:43	1.5E+00 1.3E-06 4.8E-03 13 19	8.9E-03 1.2E-02 1.6E-01 38	6.5E-06 2.0E-03 2.4E-02 986	4.8E-03 8.3E-04 1.7E-02 9
17:23----17:53	1.5E+00 1.3E-06 4.4E-03 13 24	1.0E-02 2.5E-06 1.7E-01 38	6.5E-06 2.5E-03 2.3E-02 986	5.5E-03 1.1E-03 1.6E-02 9
17:33----18:03	1.5E+00 1.3E-06 4.6E-03 13 23	1.2E-02 2.5E-06 1.8E-01 37	6.5E-06 2.4E-03 2.4E-02 986	5.7E-03 9.6E-04 1.7E-02 6
17:43----18:13	1.5E+00 1.3E-06 5.1E-03 13 22	1.4E-02 2.5E-06 1.8E-01 38	6.5E-06 2.2E-03 2.3E-02 986	4.2E-03 3.1E-04 1.4E-02 6
17:53----18:23	1.3E+00 1.3E-06 5.1E-03 13 25	1.6E-02 2.5E-06 1.8E-01 38	6.5E-06 2.4E-03 2.5E-02 987	3.8E-03 5.2E-04 1.4E-02 5
18:03----18:33	1.2E+00 1.3E-06 5.0E-03 13 38	1.8E-02 2.5E-06 1.9E-01 38	6.5E-06 2.9E-03 2.4E-02 987	6.6E-03 1.1E-03 1.4E-02 6
18:13----18:43	1.0E+00 1.3E-06 5.3E-03 13 39	2.0E-02 2.5E-06 1.9E-01 38	6.5E-06 2.9E-03 2.4E-02 987	9.1E-03 1.1E-03 1.1E-02 6
18:23----18:53	1.0E+00 1.3E-06 6.0E-03 12 35	2.2E-02 2.5E-06 1.9E-01 38	6.5E-06 2.6E-03 2.3E-02 987	1.0E-02 5.7E-04 7.7E-03 5

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC HOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
18:33----19:03	7.0E-01 1.3E-06 5.8E-03 12 35	2.4E-02 2.5E-06 1.9E-01 39	6.5E-06 2.3E-03 2.3E-02 987	9.5E-03 4.2E-04 4.9E-03 4
18:43----19:13	4.9E-01 1.3E-06 5.1E-03 12 38	2.6E-02 2.5E-06 2.0E-01 40	6.5E-06 2.7E-03 1.9E-02 987	1.2E-02 6.9E-04 2.7E-03 2
18:53----19:23	1.8E-01 1.3E-06 4.7E-03 11 49	2.6E-02 2.5E-06 2.0E-01 42	6.5E-06 2.4E-03 1.7E-02 987	1.1E-02 9.1E-04 1.7E-03 1
19:03----19:33	1.0E-01 1.3E-06 5.2E-03 11 41	2.5E-02 2.5E-06 1.9E-01 43	6.5E-06 2.3E-03 1.5E-02 987	1.1E-02 5.0E-04 9.1E-04 1
19:13----19:43	8.8E-03 1.3E-06 5.2E-03 11 39	2.5E-02 2.5E-06 1.9E-01 45	6.5E-06 2.1E-03 1.5E-02 987	9.8E-03 6.1E-04 4.6E-04 1
19:23----19:53	1.8E-05 1.3E-06 5.0E-03 10 32	2.6E-02 2.5E-06 1.9E-01 47	6.5E-06 2.6E-03 1.3E-02 987	1.2E-02 8.9E-04 1.6E-04 1
19:33----20:03	1.8E-05 1.3E-06 4.3E-03 10 36	2.7E-02 2.5E-06 1.9E-01 49	6.5E-06 2.6E-03 1.2E-02 987	1.2E-02 1.2E-03 4.9E-05 0
19:43----20:13	1.8E-02 1.3E-06 4.4E-03 9 29	2.8E-02 2.5E-06 1.8E-01 52	6.5E-06 2.4E-03 1.1E-02 987	1.0E-02 7.9E-04 3.7E-06 0
19:53----20:23	1.8E-02 1.3E-06 4.3E-03 9 33	2.8E-02 2.5E-06 1.8E-01 55	6.5E-06 2.1E-03 1.2E-02 987	7.1E-03 5.8E-04 1.1E-06 0
20:03----20:33	1.8E-02 1.3E-06 4.1E-03 8 41	2.8E-02 2.5E-06 1.8E-01 57	6.5E-06 2.1E-03 1.1E-02 987	5.6E-03 1.1E-03 1.1E-06 0
20:13----20:43	1.8E-05 1.3E-06 3.8E-03 8 41	2.8E-02 2.5E-06 1.8E-01 60	6.5E-06 2.2E-03 9.6E-03 988	4.8E-03 1.2E-03 1.1E-06 0

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
20:23----20:53	1.8E-05 1.3E-06 3.7E-03 7 20	2.9E-02 2.5E-06 1.8E-01 62 988	6.5E-06 1.9E-03 8.0E-03 0	4.0E-03 1.0E-03 1.1E-06 0
20:33----21:03	1.8E-05 1.3E-06 4.1E-03 7 33	2.9E-02 2.5E-06 1.8E-01 65 988	6.5E-06 1.7E-03 7.4E-03 0	4.0E-03 2.8E-04 1.1E-06 0
20:43----21:13	3.3E-03 1.3E-06 4.1E-03 6 27	2.9E-02 2.5E-06 1.7E-01 67 988	6.5E-06 1.4E-03 7.0E-03 0	4.3E-03 6.9E-04 1.1E-06 0
20:53----21:23	3.3E-03 1.3E-06 3.8E-03 6 36	2.9E-02 2.5E-06 1.7E-01 67 988	6.5E-06 1.6E-03 7.3E-03 1	5.7E-03 1.1E-03 1.1E-06 1
21:03----21:33	3.3E-03 1.3E-06 3.7E-03 6 46	2.9E-02 2.5E-06 1.7E-01 65 988	6.5E-06 1.5E-03 8.2E-03 0	6.8E-03 1.4E-03 1.1E-06 1
21:13----21:43	1.8E-05 1.3E-06 3.8E-03 6 41	2.9E-02 2.5E-06 1.7E-01 62 988	6.5E-06 1.8E-03 1.1E-02 0	7.3E-03 9.4E-04 1.1E-06 2
21:23----21:53	1.8E-05 1.3E-06 3.8E-03 7 38	2.9E-02 2.5E-06 1.6E-01 60 988	6.5E-06 1.5E-03 1.5E-02 0	6.8E-03 5.5E-04 1.1E-06 2
21:33----22:03	1.8E-05 1.3E-06 3.3E-03 7 35	2.9E-02 2.5E-06 1.6E-01 59 988	6.5E-06 1.5E-03 1.8E-02 0	6.0E-03 9.9E-04 1.1E-06 2
21:43----22:13	1.8E-05 1.3E-06 2.7E-03 7 39	2.9E-02 2.5E-06 1.6E-01 59 988	6.5E-06 1.5E-03 1.8E-02 0	5.1E-03 1.4E-03 1.1E-06 2
21:53----22:23	1.8E-05 1.3E-06 2.8E-03 7 42	2.9E-02 2.5E-06 1.6E-01 60 988	6.5E-06 1.6E-03 1.7E-02 0	5.3E-03 1.3E-03 1.1E-06 1
22:03----22:33	1.8E-05 1.3E-06 3.6E-03 7 36	2.9E-02 2.5E-06 1.6E-01 60 988	6.5E-06 1.8E-03 1.5E-02 0	6.3E-03 6.6E-04 1.1E-06 1

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
22:13----22:43	1.8E-05 1.3E-06 3.9E-03 7 32	3.1E-02 2.5E-06 1.6E-01 61	6.5E-06 1.7E-03 1.4E-02 988	7.0E-03 8.7E-04 1.1E-06 2
22:23----22:53	1.8E-05 1.3E-06 3.3E-03 6 29	3.2E-02 2.5E-06 1.6E-01 62	6.5E-06 1.9E-03 1.5E-02 988	6.9E-03 1.9E-03 1.1E-06 2
22:33----23:03	1.8E-05 1.3E-06 2.4E-03 6 30	3.2E-02 2.5E-06 1.6E-01 62	6.5E-06 1.7E-03 1.4E-02 988	6.9E-03 2.0E-03 1.1E-06 2
22:43----23:13	1.8E-05 1.3E-06 2.7E-03 6 30	3.2E-02 2.5E-06 1.5E-01 63	6.5E-06 1.6E-03 1.3E-02 988	7.3E-03 1.2E-03 1.1E-06 2
22:53----23:23	1.8E-05 1.3E-06 3.1E-03 6 29	3.3E-02 2.5E-06 1.5E-01 63	6.5E-06 1.4E-03 9.5E-03 988	9.5E-03 1.7E-04 1.1E-06 1
23:03----23:33	1.8E-05 1.3E-06 3.2E-03 6 24	3.4E-02 2.5E-06 1.5E-01 64	6.5E-06 1.6E-03 8.9E-03 988	1.1E-02 7.7E-04 1.1E-06 1
23:13----23:43	1.8E-05 1.3E-06 2.7E-03 6 33	3.4E-02 2.5E-06 1.5E-01 64	6.5E-06 1.6E-03 1.0E-02 988	1.2E-02 9.3E-04 1.1E-06 1
23:23----23:53	1.8E-05 1.3E-06 2.6E-03 6 29	3.4E-02 2.5E-06 1.5E-01 65	6.5E-06 1.5E-03 1.2E-02 988	1.2E-02 1.4E-03 1.1E-06 2
23:33----00:03	1.8E-05 1.3E-06 2.7E-03 6 33	3.5E-02 2.5E-06 1.5E-01 65	6.5E-06 1.0E-03 1.3E-02 988	1.3E-02 5.9E-04 1.1E-06 2
23:43----00:13	1.8E-05 1.3E-06 3.1E-03 6 27	3.5E-02 2.5E-06 1.5E-01 66	6.5E-06 1.5E-03 1.2E-02 988	1.4E-02 6.8E-04 1.1E-06 2
23:53----00:23	1.8E-05 1.3E-06 3.0E-03 6 27	3.4E-02 2.5E-06 1.5E-01 66	6.5E-06 1.3E-03 1.1E-02 988	1.5E-02 3.8E-04 1.1E-06 3

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
00:03----00:33	1.8E-05 1.3E-06 2.7E-03 6 31	3.6E-02 2.5E-06 1.5E-01 65	6.5E-06 1.4E-03 1.2E-02 988	1.7E-02 9.8E-04 1.1E-06 4
00:13----00:43	1.8E-05 1.3E-06 2.5E-03 6 34	3.6E-02 2.5E-06 1.5E-01 65	6.5E-06 9.5E-04 1.4E-02 988	1.8E-02 8.7E-04 1.1E-06 4
00:23----00:53	1.8E-05 1.3E-06 2.6E-03 6 39	3.5E-02 2.5E-06 1.5E-01 65	6.5E-06 8.6E-04 1.6E-02 988	1.5E-02 8.7E-04 1.1E-06 5
00:33----01:03	1.8E-05 1.3E-06 2.7E-03 6 36	3.2E-02 2.5E-06 1.5E-01 66	6.5E-06 8.5E-04 1.5E-02 989	1.0E-02 4.1E-04 1.1E-06 5
00:43----01:13	1.8E-05 1.3E-06 2.1E-03 5 33	3.2E-02 2.5E-06 1.5E-01 66	6.5E-06 8.8E-04 1.4E-02 989	7.8E-03 8.8E-04 1.1E-06 5
00:53----01:23	1.8E-05 1.3E-06 1.7E-03 5 31	3.2E-02 2.5E-06 1.4E-01 67	6.5E-06 1.1E-03 1.3E-02 989	8.3E-03 1.3E-03 1.1E-06 4
01:03----01:33	1.8E-05 1.3E-06 1.6E-03 5 40	3.3E-02 2.5E-06 1.4E-01 68	6.5E-06 1.2E-03 1.4E-02 989	9.4E-03 1.5E-03 1.1E-06 4
01:13----01:43	1.8E-05 1.3E-06 2.0E-03 5 41	3.2E-02 2.5E-06 1.4E-01 69	6.5E-06 1.1E-03 1.4E-02 989	1.0E-02 1.0E-03 1.1E-06 4
01:23----01:53	1.8E-05 1.3E-06 2.0E-03 5 43	3.3E-02 2.5E-06 1.4E-01 70	6.5E-06 7.7E-04 1.4E-02 989	9.6E-03 7.2E-04 1.1E-06 6
01:33----02:03	1.8E-05 1.3E-06 1.6E-03 5 33	3.2E-02 2.5E-06 1.3E-01 71	6.5E-06 3.8E-04 1.4E-02 989	9.3E-03 5.2E-04 1.1E-06 6
01:43----02:13	1.8E-05 1.3E-06 9.7E-04 5 27	3.1E-02 2.5E-06 1.3E-01 72	6.5E-06 4.8E-04 1.4E-02 989	9.4E-03 1.1E-03 1.1E-06 6

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
01:53----02:23	1.8E-05 1.3E-06 1.1E-03 5 21	3.1E-02 2.5E-06 1.4E-01 73	6.5E-06 6.1E-04 1.3E-02 989	1.1E-02 8.6E-04 1.1E-06 5
02:03----02:33	1.8E-05 1.3E-06 1.8E-03 5 26	3.1E-02 2.5E-06 1.4E-01 74	6.5E-06 6.6E-04 1.2E-02 989	1.2E-02 7.2E-04 1.1E-06 5
02:13----02:43	1.8E-05 1.3E-06 2.3E-03 5 34	3.1E-02 2.5E-06 1.4E-01 75	6.5E-06 5.9E-04 1.3E-02 989	1.2E-02 1.9E-05 1.1E-06 6
02:23----02:53	1.8E-05 1.3E-06 2.1E-03 5 37	3.1E-02 2.5E-06 1.4E-01 76	6.5E-06 6.7E-04 1.3E-02 989	1.0E-02 3.3E-04 1.1E-06 5
02:33----03:03	1.8E-05 1.3E-06 1.6E-03 4 32	3.2E-02 2.5E-06 1.3E-01 77	6.5E-06 8.0E-04 1.3E-02 989	9.2E-03 6.5E-04 1.1E-06 5
02:43----03:13	1.8E-05 1.3E-06 1.4E-03 4 51	3.1E-02 2.5E-06 1.3E-01 77	6.5E-06 8.1E-04 1.3E-02 989	9.2E-03 8.5E-04 1.1E-06 4
02:53----03:23	1.8E-05 1.3E-06 2.0E-03 4 54	3.1E-02 2.5E-06 1.3E-01 78	6.5E-06 5.9E-04 1.3E-02 989	9.3E-03 5.5E-04 1.1E-06 4
03:03----03:33	1.8E-05 1.3E-06 2.2E-03 4 64	3.1E-02 2.5E-06 1.4E-01 78	6.5E-06 5.8E-04 1.2E-02 989	1.1E-02 4.4E-04 1.1E-06 4
03:13----03:43	1.8E-05 1.3E-06 2.1E-03 4 36	3.2E-02 2.5E-06 1.3E-01 79	6.5E-06 8.2E-04 1.1E-02 989	1.1E-02 9.5E-04 1.1E-06 7
03:23----03:53	1.8E-05 1.3E-06 1.7E-03 4 32	3.2E-02 2.5E-06 1.3E-01 79	6.5E-06 8.7E-04 1.1E-02 989	1.1E-02 1.2E-03 1.1E-06 9
03:33----04:03	1.8E-05 1.3E-06 1.5E-03 4 34	3.1E-02 2.5E-06 1.3E-01 79	6.5E-06 8.7E-04 1.2E-02 989	1.1E-02 1.3E-03 1.1E-06 9

TIME	CO	TRS	THC	S02
	THC-CH4	CH4	NOX	NO2
NO	HG	OZONE	SOLAR RAD	
TEMP	HUMIDITY	BAROMETER	WIND SPEED	
WIND DIRECTION				
03:43----04:13	1.8E-05 1.3E-06 1.7E-03 4 41	3.1E-02 2.5E-06 1.3E-01 79 989	6.5E-06 4.2E-04 1.3E-02 989	1.1E-02 5.9E-04 1.1E-06 9
03:53----04:23	1.8E-05 1.3E-06 1.8E-03 4 41	3.1E-02 2.5E-06 1.3E-01 79 989	6.5E-06 4.3E-04 1.3E-02 989	1.1E-02 4.2E-04 1.1E-06 8
04:03----04:33	1.8E-05 1.3E-06 1.8E-03 4 34	3.1E-02 2.5E-06 1.3E-01 79 989	6.5E-06 6.4E-04 1.3E-02 989	1.1E-02 4.1E-04 1.1E-06 8
04:13----04:43	1.8E-05 1.3E-06 1.8E-03 4 28	3.1E-02 2.5E-06 1.3E-01 79 989	6.5E-06 8.6E-04 1.3E-02 989	1.2E-02 1.1E-03 1.1E-06 7
04:23----04:53	1.8E-05 1.3E-06 1.5E-03 4 25	3.1E-02 2.5E-06 1.3E-01 79 989	6.5E-06 1.0E-03 1.2E-02 989	1.4E-02 1.5E-03 1.1E-06 7
04:33----05:03	1.8E-05 1.3E-06 1.9E-03 4 26	3.1E-02 2.5E-06 1.3E-01 79 989	6.5E-06 8.0E-04 1.2E-02 989	1.6E-02 1.2E-03 1.1E-06 7
04:43----05:13	1.8E-05 1.3E-06 1.9E-03 4 4	3.1E-02 2.5E-06 1.3E-01 80 989	6.5E-06 8.4E-04 1.1E-02 989	1.8E-02 6.4E-04 1.1E-06 6
04:53----05:23	1.8E-05 1.3E-06 2.0E-03 4 13	3.2E-02 2.5E-06 1.3E-01 80 989	6.5E-06 8.4E-04 9.5E-03 989	2.0E-02 3.4E-04 1.1E-06 6
05:03----05:33	1.8E-05 1.3E-06 1.3E-03 4 12	3.2E-02 2.5E-06 1.3E-01 80 989	6.5E-06 8.1E-04 8.1E-03 989	2.3E-02 7.1E-04 1.1E-06 6
05:13----05:43	1.8E-05 1.3E-06 9.8E-04 4 26	3.3E-02 2.5E-06 1.3E-01 81 989	6.5E-06 8.0E-04 6.2E-03 989	2.5E-02 1.1E-03 1.1E-06 7
05:23----05:53	1.8E-05 1.3E-06 1.0E-03 4 19	3.4E-02 2.5E-06 1.3E-01 81 989	6.5E-06 6.3E-04 5.9E-03 989	2.4E-02 1.3E-03 1.1E-06 6

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	S02 NO2 SOLAR RAD WIND SPEED
05:33----06:03	1.8E-05 1.3E-06 1.4E-03 4 15	3.5E-02 2.5E-06 1.3E-01 82	6.5E-06 5.8E-04 5.8E-03 989	2.2E-02 1.0E-03 1.1E-06 6
05:43----06:13	1.8E-05 1.3E-06 1.5E-03 4 18	3.6E-02 2.5E-06 1.3E-01 82	6.5E-06 5.4E-04 6.2E-03 989	2.0E-02 5.3E-04 1.1E-06 5
05:53----06:23	1.8E-05 1.3E-06 1.0E-03 4 17	3.7E-02 2.5E-06 1.3E-01 82	6.5E-06 5.5E-04 5.9E-03 989	2.1E-02 9.7E-04 1.1E-06 5
06:03----06:33	1.8E-05 1.3E-06 7.0E-04 4 25	3.6E-02 2.5E-06 1.3E-01 82	6.5E-06 6.3E-04 5.6E-03 989	2.4E-02 1.0E-03 1.1E-06 6
06:13----06:43	1.8E-05 1.3E-06 7.3E-04 4 26	3.6E-02 2.5E-06 1.3E-01 82	6.5E-06 5.3E-04 5.6E-03 989	2.6E-02 1.0E-03 1.1E-06 6
06:23----06:53	1.8E-05 1.3E-06 1.3E-03 4 27	3.5E-02 2.5E-06 1.3E-01 82	6.5E-06 4.1E-04 6.3E-03 989	2.6E-02 1.6E-04 1.1E-06 6
06:33----07:03	1.8E-05 1.3E-06 1.9E-03 3 23	3.5E-02 2.5E-06 1.3E-01 82	6.5E-06 5.9E-04 6.7E-03 989	2.4E-02 2.5E-04 1.1E-06 5
06:43----07:13	1.8E-05 1.3E-06 1.8E-03 3 18	3.5E-02 2.5E-06 1.3E-01 82	6.5E-06 6.0E-04 6.8E-03 989	2.2E-02 2.8E-04 1.1E-06 5
06:53----07:23	1.8E-05 1.3E-06 1.5E-03 3 17	3.6E-02 2.5E-06 1.3E-01 82	6.5E-06 5.7E-04 6.7E-03 990	2.1E-02 4.5E-04 1.1E-06 5
07:03----07:33	1.8E-05 1.3E-06 9.3E-04 3 14	3.7E-02 2.5E-06 1.3E-01 83	6.5E-06 2.8E-04 6.8E-03 990	1.9E-02 4.4E-04 1.6E-06 7
07:13----07:43	1.8E-05 1.3E-06 1.2E-03 3 17	3.7E-02 2.5E-06 1.3E-01 83	6.5E-06 4.4E-04 7.3E-03 990	1.7E-02 5.9E-04 3.4E-05 7

TIME	CO		TRS	THC	SO2
	THC-CH4	CH4			
	TEMP	HG	OZONE	SOLAR RAD	
	WIND DIRECTION	HUMIDITY	BAROMETER	WIND SPEED	
07:23----07:53	1.8E-05 1.3E-06 1.5E-03 3 23	3.7E-02 2.5E-06 1.5E-01 84	6.5E-06 4.9E-04 7.2E-03 990	1.6E-02 4.8E-04 1.5E-04 6	
07:33----08:03	1.8E-05 1.3E-06 1.9E-03 3 34	3.6E-02 2.5E-06 1.6E-01 84	6.5E-06 5.6E-04 7.7E-03 990	1.5E-02 2.7E-04 4.2E-04 5	
07:43----08:13	1.8E-05 1.3E-06 1.6E-03 3 30	3.4E-02 2.5E-06 1.8E-01 84	6.5E-06 2.5E-04 8.3E-03 990	1.3E-02 1.9E-04 3.4E-04 6	
07:53----08:23	1.8E-05 1.3E-06 1.2E-03 3 25	3.4E-02 2.5E-06 1.8E-01 83	6.5E-06 2.7E-04 8.9E-03 990	1.1E-02 4.2E-04 1.4E-03 6	
08:03----08:33	1.8E-05 1.3E-06 8.8E-04 3 26	3.4E-02 2.5E-06 1.8E-01 83	6.5E-06 3.8E-04 8.5E-03 990	1.5E-02 7.0E-04 2.0E-03 8	
08:13----08:43	1.8E-05 1.3E-06 1.1E-03 4 31	3.4E-02 2.5E-06 1.9E-01 82	6.5E-06 4.3E-04 8.3E-03 990	2.2E-02 5.7E-04 2.6E-03 7	
08:23----08:53	1.8E-05 1.3E-06 1.4E-03 4 36	3.4E-02 2.5E-06 1.9E-01 81	6.5E-06 4.5E-04 8.8E-03 990	2.9E-02 3.0E-04 3.1E-03 8	
08:33----09:03	1.8E-05 1.3E-06 1.5E-03 4 45	3.3E-02 2.5E-06 1.9E-01 80	6.5E-06 2.9E-04 9.1E-03 991	3.2E-02 1.9E-04 5.9E-03 8	
08:43----09:13	1.8E-05 1.3E-06 1.3E-03 4 45	3.3E-02 2.5E-06 1.9E-01 79	6.5E-06 3.9E-04 8.7E-03 991	3.4E-02 6.6E-04 1.1E-02 8	
08:53----09:23	1.8E-05 1.3E-06 1.1E-03 5 39	3.1E-02 2.5E-06 1.9E-01 78	6.5E-06 3.8E-04 8.6E-03 991	3.5E-02 8.3E-04 1.6E-02 10	
09:03----09:33	1.8E-05 1.3E-06 1.2E-03 5 34	2.8E-02 2.5E-06 2.0E-01 76	6.5E-06 3.3E-04 9.2E-03 991	3.2E-02 9.4E-04 2.0E-02 9	

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 HO2 SOLAR RAD WIND SPEED
09:13----09:43	1.8E-05 1.3E-06 1.3E-03 6 32	2.4E-02 2.5E-06 2.0E-01 75	6.5E-06 2.9E-04 1.1E-02 991	2.7E-02 5.5E-04 2.3E-02 10
09:23----09:53	1.8E-05 1.3E-06 1.7E-03 6 25	2.0E-02 2.5E-06 2.1E-01 73	6.5E-06 1.7E-04 1.2E-02 991	2.1E-02 3.5E-04 2.6E-02 8

## STATISTICS

NUMBER OF READINGS 514

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	2.06E+00	1.62E-01	4.46E-01	6.83E-06	1.19E+02
TRS	6.76E-03	4.05E-02	2.96E-02	6.54E-03	2.86E-02	1.35E+00
THC	1.00E-06	3.01E+00	3.37E-02	2.46E-01	1.35E-06	7.82E+00
SO2	2.27E-03	3.88E-02	1.32E-02	7.85E-03	1.10E-02	1.86E+00
THC-CH4	1.00E-06	1.01E+00	9.72E-03	7.52E-02	1.32E-06	6.46E+00
CH4	1.00E-06	1.20E+00	2.27E-02	1.53E-01	1.38E-06	7.94E+00
NOX	1.00E-06	5.73E-01	5.68E-03	4.36E-02	2.00E-04	2.70E+01
NO2	1.00E-06	6.61E-01	2.92E-03	3.26E-02	1.98E-05	3.76E+01
NO	1.00E-06	7.69E-01	7.34E-03	4.69E-02	1.48E-03	8.11E+00
HG	9.82E-02	9.21E+00	1.75E-01	4.00E-01	1.57E-01	1.28E+00
OZONE	7.88E-04	2.86E-02	1.26E-02	5.77E-03	1.14E-02	1.61E+00
SOLAR RAD	1.00E-06	3.52E-02	3.38E-03	7.77E-03	1.39E-05	5.52E+01
TEMP	3	15	6	3		
HUMIDITY	32	84	67	15	65	1
BAROMETER	986	991	988	1	988	1
WIND SPEED	0	23	5	5	1	96

## TERRACE BAY #6

DATE: OCT 1 1977  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: HWY #17, W. OF T.B., (49120-54035); 1.6 KM & 225 DEG / SOURCE

TIME	CO THC-CH4	TRS CH4	THC NOX	SO2 NO2
	NO HG		OZONE	SOLAR RAD
	TEMP WIND DIRECTION	HUMIDITY	BAROMETER	WIND SPEED
14:42----15:12	1.5E+00 7.5E-01 3.1E-02 18 57	1.6E-02 2.3E+00 3.2E-02 28	3.0E+00 4.6E-02 2.9E-02 990	4.3E-03 6.7E-02 5.9E-02 10
14:57----15:27	1.6E+00 8.3E-01 4.3E-02 18 58	2.3E-02 2.4E+00 2.1E-02 27	3.3E+00 5.7E-02 2.9E-02 990	4.5E-03 2.3E-02 5.7E-02 9
15:12----15:42	1.5E+00 8.2E-01 3.4E-02 19 49	2.2E-02 2.4E+00 2.7E-03 27	3.0E+00 6.9E-02 2.8E-02 990	3.9E-03 4.2E-02 5.5E-02 10
15:27----15:57	1.3E+00 8.3E-01 5.2E-02 19 49	1.3E-02 2.4E+00 4.9E-04 26	2.9E+00 8.6E-02 2.9E-02 990	2.6E-03 5.6E-02 5.3E-02 8
15:42----16:12	1.3E+00 8.1E-01 6.2E-02 19 49	8.1E-03 2.4E+00 2.8E-04 26	2.9E+00 8.7E-02 2.8E-02 990	5.8E-03 5.0E-02 5.1E-02 8
15:57----16:27	1.3E+00 8.1E-01 6.1E-02 19 45	4.0E-03 2.4E+00 2.0E-03 26	2.9E+00 8.0E-02 2.8E-02 989	6.2E-03 4.0E-02 4.9E-02 8
16:12----16:42	1.3E+00 8.2E-01 8.2E-02 19 33	1.8E-03 2.4E+00 8.8E-03 25	2.9E+00 1.1E-01 2.8E-02 989	3.4E-03 4.4E-02 4.6E-02 7
16:27----16:57	1.1E+00 7.9E-01 7.9E-02 17 28	2.0E-03 2.2E+00 1.7E-02 22	2.8E+00 1.0E-01 2.5E-02 890	2.7E-03 3.2E-02 3.8E-02 6
16:42----17:12	7.5E-01 5.3E-01 3.9E-02 12 32	1.9E-03 1.5E+00 2.0E-02 16	2.0E+00 4.8E-02 1.7E-02 627	1.8E-03 1.1E-02 2.5E-02 4
16:57----17:27	9.8E-01 4.5E-01 1.9E-03 14 28	3.4E-03 1.7E+00 3.3E-02 19	1.8E+00 9.9E-04 2.2E-02 726	2.0E-03 4.4E-04 2.5E-02 6

TIME	CO THC-CH4	TRS CH4	THC NOX	SO2 NO2
	NO HG		OZONE	SOLAR RAD
	TEMP HUMIDITY		BAROMETER	WIND SPEED
	WIND DIRECTION			
17:12----17:42	1.3E+00 8.5E-01 5.5E-02 18 33	5.3E-03 2.4E+00 4.8E-02 26	3.2E+00 8.0E-02 2.8E-02 989	3.3E-03 3.3E-02 3.1E-02 6

## STATISTICS

NUMBER OF READINGS 187

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	2.45E+00	1.25E+00	4.08E-01	5.32E-01	3.20E+01
TRS	1.00E-06	3.05E-02	8.97E-03	8.19E-03	3.64E-03	1.06E+01
THC	1.00E-06	1.63E+01	2.85E+00	1.57E+00	1.20E+00	3.38E+01
SO2	1.00E-06	1.38E-02	3.80E-03	2.61E-03	2.18E-03	7.28E+00
THC-CH4	1.00E-06	3.32E+00	7.74E-01	4.24E-01	3.24E-01	2.84E+01
CH4	1.00E-06	2.58E+00	2.25E+00	5.90E-01	1.00E+00	3.20E+01
NOX	1.00E-06	5.67E-01	7.58E-02	9.28E-02	7.94E-03	7.55E+01
NO2	1.00E-06	1.24E+00	4.12E-02	1.13E-01	6.34E-04	1.30E+02
NO	1.00E-06	5.38E-01	5.73E-02	7.85E-02	1.42E-02	1.79E+01
HG	1.00E-06	2.86E-01	2.01E-02	2.92E-02	7.89E-04	1.09E+02
OZONE	1.00E-06	3.41E-02	2.65E-02	8.08E-03	1.51E-02	1.13E+01
SOLAR RAD	1.00E-06	6.06E-02	4.36E-02	1.50E-02	2.40E-02	1.27E+01
TEMP	0	20	18	4		
HUMIDITY	0	29	25	6	10	56
BAROMETER	0	990	931	233	293	133
WIND SPEED	0	24	8	5	3	52

## TERRACE BAY #7

DATE: OCT 1 1977  
 SCAN TIME: 120 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: HWY #17, W. OF T.B., (49120-54035); 1.6 KM & 225 DEG X SOURCE

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
20:25----20:55	1.0E-06 7.5E-01 1.6E-01 10 10	1.5E-02 2.5E+00 4.3E-02 51 51	2.9E+00 1.8E-01 2.7E-02 991 991	2.5E-03 2.9E-02 1.0E-06 1
20:35----21:05	1.0E-06 7.0E-01 1.7E-01 9 15	1.6E-02 2.5E+00 4.0E-02 54 54	2.8E+00 1.9E-01 2.8E-02 991 991	2.4E-03 2.7E-02 1.0E-06 0
20:45----21:15	1.0E-06 6.8E-01 1.7E-01 8 8	1.7E-02 2.4E+00 3.7E-02 57 57	2.7E+00 1.9E-01 2.9E-02 991 991	2.2E-03 2.0E-02 1.0E-06 1
20:55----21:25	1.0E-06 6.4E-01 1.5E-01 7 8	1.7E-02 2.4E+00 3.2E-02 60 60	2.7E+00 1.7E-01 2.9E-02 991 991	1.8E-03 1.9E-02 1.0E-06 1
21:05----21:35	1.0E-06 5.8E-01 9.4E-02 7 9	1.7E-02 2.3E+00 3.0E-02 62 62	2.5E+00 1.1E-01 2.9E-02 992 992	1.5E-03 1.1E-02 1.0E-06 1
21:15----21:45	1.0E-06 5.0E-01 4.1E-02 6 13	1.8E-02 2.2E+00 2.7E-02 63 63	2.3E+00 4.6E-02 2.8E-02 992 992	1.1E-03 6.2E-03 1.0E-06 1
21:25----21:55	1.0E-06 4.4E-01 2.2E-03 6 13	1.8E-02 2.1E+00 2.6E-02 65 65	2.2E+00 1.0E-04 2.8E-02 992 992	1.0E-03 3.8E-04 1.0E-06 1
21:35----22:05	1.0E-06 3.8E-01 1.9E-03 6 12	1.8E-02 2.0E+00 2.1E-02 66 66	2.0E+00 4.2E-05 2.6E-02 992 992	1.1E-03 3.9E-04 1.0E-06 2
21:45----22:15	1.0E-06 3.4E-01 1.7E-03 5 12	1.7E-02 1.9E+00 1.9E-02 66 66	1.9E+00 1.0E-04 2.3E-02 992 992	1.3E-03 8.9E-04 1.0E-06 2
21:55----22:25	1.0E-06 3.0E-01 1.8E-03 5 12	1.7E-02 1.8E+00 1.5E-02 66 66	1.7E+00 1.2E-04 2.3E-02 992 992	1.4E-03 8.8E-04 1.0E-06 2

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
22:05----22:35	1.0E-06 2.5E-01 2.0E-03 5 6	1.6E-02 1.6E+00 1.5E-02 66	1.6E+00 2.6E-04 2.0E-02 992	1.5E-03 6.7E-04 1.0E-06 1
22:15----22:45	1.0E-06 2.0E-01 2.2E-03 5 9	1.6E-02 1.5E+00 1.3E-02 66	1.4E+00 2.3E-04 2.4E-02 992	1.5E-03 5.2E-04 1.0E-06 2
22:25----22:55	1.0E-06 1.3E-01 2.0E-03 5 9	1.6E-02 1.4E+00 9.8E-03 67	1.2E+00 3.4E-04 2.3E-02 992	1.5E-03 8.6E-04 1.0E-06 1
22:35----23:05	1.0E-06 5.5E-02 1.7E-03 5 14	1.6E-02 1.2E+00 8.1E-03 68	9.4E-01 1.8E-04 2.6E-02 992	1.3E-03 8.8E-04 1.0E-06 1
22:45----23:15	1.0E-06 1.4E-02 1.7E-03 5 8	1.7E-02 1.0E+00 5.7E-03 69	6.7E-01 1.6E-04 2.4E-02 992	1.3E-03 5.4E-04 1.0E-06 1
22:55----23:25	1.0E-06 2.5E-06 1.8E-03 4 7	1.7E-02 8.0E-01 4.0E-03 69	4.1E-01 3.2E-05 2.4E-02 992	1.4E-03 2.5E-04 1.0E-06 1
23:05----23:35	1.0E-06 4.2E-03 1.8E-03 4 12	1.7E-02 4.8E-01 1.8E-03 70	2.1E-01 6.8E-05 2.3E-02 992	1.4E-03 3.3E-04 1.0E-06 1
23:15----23:45	1.0E-06 8.4E-03 1.8E-03 4 15	1.7E-02 2.0E-01 1.0E-03 70	9.2E-02 1.8E-04 2.4E-02 992	1.4E-03 8.5E-04 1.0E-06 1
23:25----23:55	1.0E-06 8.4E-03 1.7E-03 4 17	1.7E-02 3.7E-02 1.2E-03 70	3.0E-02 2.1E-04 2.4E-02 992	1.3E-03 1.1E-03 1.0E-06 1
23:35----00:05	1.0E-06 4.3E-03 1.7E-03 4 5	1.6E-02 6.3E-03 1.6E-03 70	7.7E-03 1.7E-04 2.3E-02 992	1.3E-03 8.1E-04 1.0E-06 1
23:45----00:15	1.0E-06 5.3E-05 1.7E-03 4 7	1.6E-02 4.0E-03 1.1E-03 71	8.3E-04 3.4E-05 2.3E-02 993	1.2E-03 3.6E-04 1.0E-06 2

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
23:55----00:25	1.0E-06 6.7E-05 1.4E-03 4 8	1.7E-02 1.8E-03 6.0E-04 71	1.1E-04 1.7E-05 2.4E-02 993	1.3E-03 3.5E-04 1.0E-06 3
00:05----00:35	1.0E-06 6.7E-05 1.3E-03 4 9	1.7E-02 3.6E-04 6.4E-05 71	1.6E-05 2.6E-05 2.3E-02 993	1.4E-03 6.3E-04 1.0E-06 2
00:15----00:45	1.0E-06 6.7E-05 1.3E-03 4 7	1.7E-02 4.2E-05 1.3E-06 70	1.6E-05 2.6E-05 2.0E-02 993	1.7E-03 6.6E-04 1.0E-06 3
00:25----00:55	1.0E-06 3.2E-05 1.6E-03 4 7	1.7E-02 1.6E-05 2.4E-04 69	1.6E-05 4.3E-05 1.9E-02 993	2.1E-03 3.8E-04 1.0E-06 3
00:35----01:05	1.0E-06 3.2E-05 1.8E-03 4 2	1.6E-02 1.6E-05 4.7E-04 68	1.6E-05 5.4E-05 1.8E-02 993	2.2E-03 1.1E-04 1.0E-06 3
00:45----01:15	1.0E-06 3.2E-05 1.6E-03 5 4	1.6E-02 1.6E-05 4.7E-04 67	1.6E-05 6.2E-05 2.0E-02 993	2.3E-03 4.2E-04 1.0E-06 3
00:55----01:25	1.0E-06 2.5E-06 1.2E-03 5 359	1.6E-02 1.6E-05 2.3E-04 66	1.6E-05 8.6E-05 2.1E-02 993	2.3E-03 6.7E-04 1.0E-06 2
01:05----01:35	1.0E-06 3.1E-05 1.1E-03 5 4	1.6E-02 1.6E-05 1.3E-06 65	1.6E-05 7.2E-05 2.3E-02 993	2.4E-03 8.8E-04 1.0E-06 2
01:15----01:45	1.0E-06 4.3E-04 1.3E-03 5 2	1.6E-02 1.6E-05 1.5E-04 65	1.6E-05 6.4E-05 2.5E-02 993	2.3E-03 5.0E-04 1.0E-06 2
01:25----01:55	1.0E-06 4.3E-04 1.8E-03 5 7	1.6E-02 1.6E-05 1.5E-04 65	1.6E-05 8.6E-06 2.5E-02 993	2.1E-03 2.4E-04 1.0E-06 2
01:35----02:05	1.0E-06 4.8E-04 1.5E-03 5 6	1.7E-02 1.6E-05 1.5E-04 66	1.6E-05 1.2E-04 2.5E-02 993	1.9E-03 6.1E-04 1.0E-06 2

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
01:45----02:15	1.0E-06 1.3E-04 1.3E-03 5 10	1.7E-02 1.6E-05 1.3E-06 67 67	1.6E-05 1.8E-04 2.3E-02 993	1.8E-03 9.4E-04 1.0E-06 2
01:55----02:25	1.0E-06 1.3E-04 1.0E-03 5 16	1.7E-02 1.6E-05 1.3E-06 67 67	1.6E-05 2.7E-04 2.3E-02 993	1.7E-03 1.4E-03 1.0E-06 2
02:05----02:35	1.0E-06 4.9E-05 1.3E-03 5 18	1.7E-02 1.6E-05 1.3E-06 66 66	1.6E-05 1.5E-04 2.4E-02 993	1.5E-03 8.2E-04 1.0E-06 3
02:15----02:45	1.0E-06 2.5E-06 1.4E-03 5 18	1.6E-02 1.6E-05 1.3E-06 65 65	1.6E-05 1.1E-04 2.5E-02 993	1.5E-03 5.4E-04 1.0E-06 3
02:25----02:55	1.0E-06 2.2E-05 1.2E-03 5 15	1.6E-02 1.6E-05 1.3E-06 65 65	1.6E-05 4.8E-05 2.4E-02 993	1.4E-03 3.2E-04 1.0E-06 3
02:35----03:05	1.0E-06 2.4E-04 1.1E-03 5 16	1.6E-02 1.6E-05 1.3E-06 66 66	1.6E-05 1.1E-04 2.4E-02 993	1.3E-03 9.9E-04 1.0E-06 3
02:45----03:15	1.0E-06 2.5E-04 1.1E-03 5 14	1.6E-02 1.6E-05 1.3E-06 66 66	1.6E-05 1.0E-04 2.6E-02 993	1.1E-03 1.1E-03 1.0E-06 4
02:55----03:25	1.0E-06 4.9E-04 1.4E-03 5 15	1.6E-02 1.6E-05 1.3E-06 67 67	1.6E-05 8.0E-05 2.6E-02 993	9.3E-04 9.1E-04 1.0E-06 3
03:05----03:35	1.0E-06 2.8E-04 1.3E-03 5 11	1.6E-02 1.6E-05 1.3E-06 68 68	1.6E-05 3.2E-05 2.6E-02 993	8.7E-04 4.2E-04 1.0E-06 3
03:15----03:45	1.0E-06 4.6E-04 9.1E-04 5 17	1.6E-02 1.6E-05 1.3E-06 69 69	1.6E-05 1.9E-05 2.5E-02 993	7.7E-04 4.9E-04 1.0E-06 2
03:25----03:55	1.0E-06 3.7E-04 5.2E-04 4 17	1.6E-02 1.6E-05 1.3E-06 70 70	1.6E-05 1.9E-05 2.5E-02 994	8.2E-04 8.8E-04 1.0E-06 3

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
03:35----04:05	1.0E-06 5.4E-04 4.3E-04 4 12	1.6E-02 1.6E-05 1.3E-06 71	1.6E-05 1.6E-05 2.5E-02 994	8.1E-04 9.8E-04 1.0E-06 3
03:45----04:15	1.0E-06 3.4E-04 8.1E-04 4 5	1.6E-02 1.6E-05 1.3E-06 71	1.6E-05 1.6E-05 2.5E-02 994	9.2E-04 7.6E-04 1.0E-06 3
03:55----04:25	1.0E-06 3.0E-04 1.1E-03 4 2	1.6E-02 1.6E-05 1.3E-06 72	1.6E-05 2.1E-05 2.5E-02 994	8.4E-04 4.2E-04 1.0E-06 3
04:05----04:35	1.0E-06 1.3E-04 1.3E-03 3 5	1.6E-02 1.6E-05 1.3E-06 73	1.6E-05 7.0E-06 2.3E-02 994	9.9E-04 2.3E-04 1.0E-06 2
04:15----04:45	1.0E-06 1.3E-04 9.9E-04 3 13	1.7E-02 1.6E-05 1.3E-06 74	1.6E-05 7.0E-06 2.1E-02 994	9.3E-04 5.9E-04 1.0E-06 1
04:25----04:55	1.0E-06 2.5E-06 6.8E-04 3 8	1.7E-02 1.6E-05 8.4E-05 75	1.6E-05 2.0E-06 2.0E-02 994	9.3E-04 8.7E-04 1.0E-06 1
04:35----05:05	1.0E-06 5.2E-04 6.7E-04 3 358	1.7E-02 1.6E-05 8.4E-05 76	1.6E-05 8.7E-06 2.1E-02 994	7.1E-04 8.1E-04 1.0E-06 1
04:45----05:15	1.0E-06 8.1E-04 9.1E-04 2 356	1.8E-02 1.6E-05 8.4E-05 77	1.6E-05 8.7E-06 2.1E-02 994	6.1E-04 3.8E-04 1.0E-06 1
04:55----05:25	1.0E-06 9.6E-04 1.1E-03 2 5	1.8E-02 1.6E-05 1.3E-06 78	1.6E-05 3.3E-05 1.9E-02 994	5.2E-04 1.6E-04 1.0E-06 1
05:05----05:35	1.0E-06 4.7E-04 1.0E-03 2 11	1.8E-02 1.6E-05 1.3E-06 79	1.6E-05 2.6E-05 1.8E-02 994	4.2E-04 4.8E-04 1.0E-06 1
05:15----05:45	1.0E-06 3.6E-04 8.4E-04 2 12	1.8E-02 1.6E-05 1.3E-06 80	1.6E-05 1.1E-04 1.8E-02 994	3.7E-04 1.1E-03 1.0E-06 1

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
05:25----05:55	1.0E-06 6.2E-04 8.7E-04 1 15	1.8E-02 1.6E-05 1.3E-06 82	1.6E-05 1.7E-04 1.8E-02 994	3.4E-04 1.5E-03 1.0E-06 1
05:35----06:05	1.0E-06 7.0E-04 1.1E-03 1 14	1.8E-02 1.6E-05 1.3E-06 83	1.6E-05 2.3E-04 1.6E-02 994	3.8E-04 1.2E-03 1.0E-06 1
05:45----06:15	1.0E-06 9.1E-04 1.5E-03 1 18	1.8E-02 1.6E-05 1.3E-06 83	1.6E-05 2.0E-04 1.6E-02 994	3.3E-04 7.5E-04 1.0E-06 1
05:55----06:25	1.0E-06 7.2E-04 1.4E-03 1 18	1.8E-02 1.6E-05 1.3E-06 84	1.6E-05 1.1E-04 1.6E-02 994	3.0E-04 7.0E-04 1.0E-06 1
06:05----06:35	1.0E-06 6.5E-04 1.1E-03 1 20	1.8E-02 1.6E-05 1.3E-06 84	1.6E-05 5.1E-05 1.7E-02 994	2.5E-04 1.2E-03 1.0E-06 1
06:15----06:45	1.0E-06 2.9E-04 7.5E-04 1 18	1.8E-02 1.6E-05 1.3E-06 85	1.6E-05 8.6E-06 1.6E-02 994	2.5E-04 1.3E-03 1.0E-06 1
06:25----06:55	1.0E-06 3.1E-04 9.3E-04 1 17	1.7E-02 1.6E-05 1.3E-06 85	1.6E-05 8.6E-06 1.6E-02 994	1.8E-04 8.9E-04 1.0E-06 1
06:35----07:05	1.0E-06 2.7E-04 1.0E-03 1 13	1.8E-02 1.6E-05 7.6E-05 86	1.6E-05 4.5E-05 1.7E-02 994	1.1E-04 4.6E-04 1.0E-06 1
06:45----07:15	1.0E-06 7.0E-04 1.2E-03 1 12	1.8E-02 1.6E-05 7.6E-05 87	1.6E-05 3.8E-05 1.7E-02 994	3.6E-05 5.9E-04 1.0E-06 1
06:55----07:25	1.0E-06 6.1E-04 1.1E-03 0 3	1.8E-02 1.6E-05 7.6E-05 87	1.6E-05 1.4E-04 1.7E-02 994	2.3E-05 9.9E-04 1.0E-06 1
07:05----07:35	1.0E-06 1.0E-03 8.8E-04 0 6	1.8E-02 1.6E-05 1.3E-06 87	1.6E-05 1.7E-04 1.6E-02 994	4.7E-06 1.3E-03 1.5E-06 1

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
07:15----07:45	1.0E-06 5.5E-04 6.1E-04 0 9	1.7E-02 1.6E-05 1.3E-06 87 9	1.6E-05 2.2E-04 1.6E-02 995	4.7E-06 1.2E-03 3.6E-05
07:25----07:55	1.0E-06 4.2E-04 7.0E-04 0 21	1.7E-02 1.6E-05 1.3E-06 88 9	1.6E-05 1.4E-04 1.5E-02 995	1.1E-06 9.0E-04 1.7E-04 1
07:35----08:05	1.0E-06 2.5E-06 8.9E-04 0 19	1.7E-02 1.6E-05 1.3E-06 88 9	1.6E-05 7.0E-05 1.5E-02 995	8.6E-06 3.9E-04 4.4E-04 1
07:45----08:15	1.0E-06 3.1E-05 7.4E-04 0 22	1.7E-02 1.6E-05 1.3E-06 88 9	1.6E-05 4.1E-05 1.5E-02 995	3.7E-05 9.5E-04 1.1E-03 1
07:55----08:25	1.0E-06 5.6E-05 5.5E-04 1 22	1.6E-02 1.6E-05 1.3E-06 88 9	1.6E-05 2.6E-05 1.5E-02 995	1.3E-04 1.4E-03 2.4E-03 1
08:05----08:35	1.0E-06 5.6E-05 4.9E-04 1 30	1.4E-02 1.6E-05 2.1E-03 86 9	1.6E-05 2.6E-05 1.6E-02 995	3.2E-04 1.7E-03 4.2E-03 1
08:15----08:45	1.0E-06 2.7E-05 7.5E-04 2 30	1.2E-02 1.6E-05 1.2E-02 84 9	1.6E-05 2.0E-06 1.5E-02 995	5.3E-04 8.8E-04 6.2E-03 1
08:25----08:55	1.0E-06 1.1E-04 7.8E-04 3 34	9.1E-03 1.6E-05 2.2E-02 79 9	1.6E-05 2.0E-06 1.7E-02 995	8.4E-04 3.1E-04 9.4E-03 1
08:35----09:05	1.0E-06 1.1E-04 6.1E-04 5 17	6.4E-03 1.6E-05 3.0E-02 73 9	1.6E-05 2.0E-06 1.7E-02 995	1.2E-03 2.3E-04 1.1E-02 1

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## STATISTICS

NUMBER OF READINGS 383

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	1.00E-06	1.00E-06	0.00E+00	1.00E-06	1.00E+00
TRS	1.78E-03	2.08E-02	1.63E-02	2.74E-03	1.59E-02	1.31E+00
THC	1.00E-06	3.88E+00	4.33E-01	8.87E-01	4.16E-05	4.59E+02
SO2	1.00E-06	4.86E-03	1.11E-03	8.02E-04	5.27E-04	7.78E+00
THC-CH4	1.00E-06	1.22E+00	8.87E-02	2.07E-01	4.18E-05	1.83E+02
CH4	1.00E-06	2.48E+00	4.27E-01	8.21E-01	5.20E-05	4.75E+02
NOX	1.00E-06	2.28E-01	1.42E-02	4.92E-02	7.08E-06	4.00E+01
NO2	1.00E-06	1.23E+00	5.74E-03	6.33E-02	6.45E-05	4.37E+01
NO	1.00E-06	1.84E-01	1.32E-02	4.20E-02	8.96E-04	1.25E+01
HG	1.00E-06	5.32E-02	6.67E-03	1.27E-02	1.97E-05	8.80E+01
OZONE	2.73E-03	3.10E-02	2.16E-02	5.58E-03	2.07E-02	1.37E+00
SOLAR RAD	1.00E-06	1.62E-02	7.24E-04	2.63E-03	2.69E-06	1.44E+01
TEMP	-0	11	4	2		
HUMIDITY	47	88	72	9	71	1
BAROMETER	991	995	993	1	993	1
WIND SPEED	0	11	2	2	0	95

## TERRACE BAY #8

DATE: OCT 2 1977  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: S. OF GOLF CLUB, (49170-54017); 3.1 KM & 190 DEG / SOURCE

TIME	CO THC-CH4	TRS CH4	THC NOX	SO2 NO2
	NO	HG	OZONE	SOLAR RAD
	TEMP	HUMIDITY	BAROMETER	WIND SPEED
	WIND DIRECTION			
10:19----10:49	2.0E+00 1.1E+00 1.5E-01 14 26	2.3E-02 1.3E+00 8.1E-03 40	2.5E+00 1.7E-01 2.3E-02 1004	1.4E-02 4.0E-02 4.7E-03 3
10:29----10:59	2.5E+00 1.2E+00 1.9E-01 14 22	2.3E-02 1.3E+00 9.9E-03 39	2.5E+00 2.3E-01 2.2E-02 1004	1.2E-02 5.7E-02 4.8E-03 4

## STATISTICS

NUMBER OF READINGS 44

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	2.42E+01	2.49E+00	4.37E+00	4.51E-02	5.71E+02
TRS	1.52E-02	3.44E-02	2.31E-02	3.61E-03	2.29E-02	1.17E+00
THC	1.25E+00	1.23E+01	2.35E+00	2.09E+00	1.96E+00	1.65E+00
SO2	6.97E-03	2.53E-02	1.34E-02	5.20E-03	1.26E-02	1.44E+00
THC-CH4	3.24E-01	9.33E+00	1.07E+00	1.50E+00	7.19E-01	2.11E+00
CH4	1.11E+00	2.54E+00	1.27E+00	2.19E-01	1.25E+00	1.14E+00
NOX	7.55E-02	5.86E-01	2.06E-01	1.06E-01	1.84E-01	1.61E+00
NO2	1.00E-06	3.69E-01	4.82E-02	6.59E-02	5.41E-03	6.66E+01
NO	6.12E-02	4.19E-01	1.70E-01	7.71E-02	1.54E-01	1.58E+00
HG	1.00E-06	1.46E-02	9.07E-03	4.10E-03	3.90E-03	1.53E+01
OZONE	8.58E-03	2.70E-02	2.23E-02	4.06E-03	2.18E-02	1.26E+00
SOLAR RAD	4.55E-03	4.95E-03	4.75E-03	1.13E-04	4.75E-03	1.02E+00
TEMP	11	15	14	1		
HUMIDITY	2	46	40	8	37	2
BAROMETER	1004	1005	1004	0	1004	1
WIND SPEED	0	12	4	4	0	280

## TERRACE BAY #10

DATE: OCT 2 1977  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: S. OF GOLF CLUB, (49170-54017); 3.1 KM & 190 DEG. ✓ SOURCE

TIME	CO THC-CH4	TRS CH4	THC NOX	SO2 NO2
	NO	HG	OZONE	SOLAR RAD
	TEMP	HUMIDITY	BAROMETER	WIND SPEED
	WIND DIRECTION			
11:37----12:07	1.9E+00 4.5E-01 2.7E-02 10 41	6.6E-03 7.7E-01 4.4E-03 22	1.1E+00 3.1E-02 1.6E-02 636	3.5E-03 6.5E-03 3.4E-02 6
11:52----12:22	1.9E+00 8.0E-01 4.9E-02 16 41	9.1E-03 1.2E+00 7.7E-03 35	1.8E+00 5.9E-02 2.5E-02 1004	4.3E-03 1.3E-02 5.4E-02 8
12:07----12:37	5.8E-01 7.7E-01 5.3E-02 16 30	7.6E-03 1.2E+00 6.7E-03 34	1.8E+00 6.5E-02 2.6E-02 1004	3.7E-03 1.6E-02 5.5E-02 6
12:22----12:52	7.1E-01 5.9E-01 7.8E-02 17 30	6.5E-03 1.2E+00 7.0E-03 32	1.6E+00 7.9E-02 2.7E-02 1004	2.8E-03 1.7E-02 5.6E-02 7
12:37----13:07	7.3E-01 6.0E-01 1.2E-01 18 13	7.3E-03 1.2E+00 1.1E-02 29	1.8E+00 1.0E-01 2.5E-02 1004	2.8E-03 1.3E-02 5.7E-02 6
12:52----13:22	8.6E-01 6.7E-01 1.3E-01 20 1	9.2E-03 1.2E+00 1.2E-02 26	2.0E+00 1.2E-01 2.5E-02 1004	3.8E-03 2.4E-02 5.7E-02 5
13:07----13:37	7.3E-01 6.1E-01 1.2E-01 22 357	1.0E-02 1.2E+00 1.3E-02 24	1.8E+00 1.4E-01 2.5E-02 1004	3.6E-03 4.0E-02 5.7E-02 4
13:22----13:52	4.1E-01 8.4E-01 1.2E-01 22 8	1.2E-02 1.2E+00 1.4E-02 23	1.7E+00 1.3E-01 2.5E-02 1004	3.7E-03 3.7E-02 5.8E-02 5
13:37----14:07	2.3E-01 8.0E-01 1.0E-01 21 15	1.4E-02 1.2E+00 1.4E-02 24	1.6E+00 1.1E-01 2.7E-02 1003	4.9E-03 3.1E-02 5.7E-02 7
13:52----14:22	6.9E-01 6.6E-01 9.7E-02 20 13	1.2E-02 1.2E+00 1.4E-02 24	1.6E+00 1.1E-01 2.8E-02 1003	7.3E-03 3.3E-02 5.7E-02 8

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	S02 HO2 SOLAR RAD WIND SPEED
14:07----14:37	1.1E+00 6.5E-01 1.1E-01 21 20	7.5E-03 1.2E+00 2.2E-02 23	1.6E+00 1.2E-01 2.8E-02 1003	7.7E-03 4.2E-02 5.6E-02 7
14:22----14:52	2.0E+00 5.1E-01 1.1E-01 22 17	3.9E-03 1.2E+00 2.8E-02 22	1.6E+00 1.4E-01 2.8E-02 1003	6.0E-03 4.8E-02 5.5E-02 5
14:37----15:07	2.1E+00 6.8E-01 1.1E-01 23 359	3.1E-03 1.2E+00 3.0E-02 22	1.8E+00 1.3E-01 2.8E-02 1003	4.7E-03 3.8E-02 5.3E-02 5
14:52----15:22	2.1E+00 9.3E-01 1.0E-01 23 10	2.9E-03 1.3E+00 3.8E-02 21	2.1E+00 1.1E-01 2.7E-02 1003	6.1E-03 2.2E-02 5.1E-02 6
15:07----15:37	2.0E+00 8.2E-01 1.1E-01 23 10	2.9E-03 1.3E+00 4.4E-02 21	2.0E+00 1.1E-01 2.7E-02 1003	7.0E-03 2.1E-02 4.9E-02 6
15:22----15:52	1.6E+00 6.8E-01 7.7E-02 23 18	3.1E-03 1.2E+00 4.8E-02 21	1.9E+00 1.0E-01 2.8E-02 1003	7.4E-03 3.1E-02 4.4E-02 5
15:37----16:07	1.8E+00 6.0E-01 6.4E-02 22 21	3.5E-03 1.2E+00 5.0E-02 22	1.8E+00 8.9E-02 2.8E-02 1002	7.8E-03 3.0E-02 4.1E-02 4
15:52----16:22	1.4E+00 6.3E-01 6.9E-02 21 4	4.1E-03 1.2E+00 4.8E-02 22	1.8E+00 8.0E-02 2.9E-02 1002	5.6E-03 2.2E-02 4.2E-02 6
16:07----16:37	1.8E+00 7.2E-01 6.3E-02 20 10	2.7E-03 1.3E+00 2.2E-01 24	1.9E+00 7.0E-02 3.0E-02 1002	7.7E-03 1.6E-02 3.9E-02 6

## STATISTICS

NUMBER OF READINGS 308

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	3.60E+01	1.32E+00	3.18E+00	2.94E-03	1.01E+03
<b>TRS</b>	1.00E-06	2.35E-02	6.33E-03	4.45E-03	2.45E-03	1.46E+01
THC	1.00E-06	8.20E+00	1.72E+00	8.96E-01	1.01E+00	1.46E+01
SO2	1.00E-06	1.82E-02	5.54E-03	3.52E-03	3.61E-03	5.34E+00
THC-CH4	1.00E-06	8.27E+00	6.72E-01	7.34E-01	3.49E-01	1.24E+01
CH4	1.00E-06	2.60E+00	1.17E+00	2.58E-01	7.33E-01	1.35E+01
NOX	1.00E-06	4.11E-01	9.44E-02	5.95E-02	5.68E-02	8.75E+00
NO2	1.00E-06	2.42E-01	2.50E-02	3.75E-02	1.17E-03	9.91E+01
NO	1.00E-06	4.11E-01	8.50E-02	6.36E-02	4.88E-02	8.69E+00
HG	1.00E-06	5.32E+00	4.16E-02	3.02E-01	1.26E-02	9.27E+00
OZONE	1.00E-06	3.51E-02	2.62E-02	7.21E-03	1.84E-02	6.74E+00
SOLAR RAD	1.00E-06	5.86E-02	4.94E-02	1.21E-02	3.43E-02	7.55E+00
TEMP	0	24	20	4		
HUMIDITY	0	36	24	7	13	24
BAROMETER	0	1004	967	186	479	47
WIND SPEED	0	23	8	5	3	27

## TERRACE BAY #11

DATE: OCT 2 1977  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: S. OF GOLF CLUB, (49170-54017); 3.1 KM & 190 DEG ✓ SOURCE

TIME	CO THC-CH4	TRS CH4	THC NOX	SO2 NO2
	NO	HG	OZONE	SOLAR RAD
	TEMP	HUMIDITY	BAROMETER	WIND SPEED
	WIND DIRECTION			
17:20----17:50	1.4E-01 3.5E-01 4.2E-02 18 21	7.9E-03 1.2E+00 3.7E-02 26	1.4E+00 4.9E-02 3.4E-02 1002	9.3E-03 8.9E-03 2.3E-02 9
17:35----18:05	1.6E-01 4.0E-01 3.7E-02 18 10	6.4E-03 1.2E+00 3.3E-02 27	1.5E+00 4.7E-02 3.4E-02 1002	8.0E-03 1.4E-02 1.9E-02 8
17:50----18:20	4.2E-01 4.2E-01 4.8E-02 18 354	5.8E-03 1.2E+00 3.0E-02 27	1.5E+00 5.3E-02 3.2E-02 1002	6.8E-03 1.2E-02 1.5E-02 7
18:05----18:35	4.4E-01 3.8E-01 5.0E-02 18 356	6.5E-03 1.2E+00 2.9E-02 27	1.4E+00 5.6E-02 3.1E-02 1002	1.7E-02 1.1E-02 1.2E-02 7
18:20----18:50	1.8E-01 3.7E-01 5.0E-02 17 11	8.1E-03 1.2E+00 2.7E-02 28	1.4E+00 6.4E-02 2.8E-02 1002	2.6E-02 1.5E-02 7.7E-03 6
18:35----19:05	3.1E-01 4.8E-01 7.2E-02 17 15	7.3E-03 1.2E+00 2.5E-02 28	1.6E+00 8.7E-02 2.7E-02 1002	1.9E-02 2.1E-02 4.3E-03 4
18:50----19:20	1.6E+00 5.7E-01 9.0E-02 17 15	3.9E-03 1.2E+00 2.3E-02 30	1.8E+00 1.1E-01 2.5E-02 1002	1.3E-02 3.4E-02 2.1E-03 2
19:05----19:35	2.1E+00 6.8E-01 8.5E-02 17 2	2.4E-03 1.2E+00 2.1E-02 33	2.0E+00 1.1E-01 2.1E-02 1002	1.3E-02 3.3E-02 8.4E-04 1
19:20----19:50	1.2E+00 8.7E-01 8.5E-02 15 8	2.7E-03 1.3E+00 1.9E-02 37	2.2E+00 1.0E-01 1.8E-02 1002	1.2E-02 2.5E-02 1.8E-04 1
19:35----20:05	4.0E-01 7.8E-01 7.7E-02 14 9	3.2E-03 1.3E+00 1.8E-02 42	2.0E+00 9.2E-02 1.4E-02 1003	1.2E-02 2.2E-02 1.1E-05 0

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
19:50----20:20	2.5E-02 5.2E-01 6.0E-02 12 2	3.3E-03 1.3E+00 1.7E-02 47	1.6E+00 7.4E-02 1.3E-02 1003	8.1E-03 1.7E-02 1.0E-06 0
20:05----20:35	6.4E-06 4.2E-01 5.7E-02 11 2	3.2E-03 1.2E+00 1.5E-02 51	1.5E+00 6.7E-02 1.7E-02 1003	4.5E-03 1.2E-02 1.0E-06 0
20:20----20:50	1.1E-03 4.1E-01 6.0E-02 10 4	2.8E-03 1.2E+00 1.5E-02 54	1.5E+00 7.1E-02 1.7E-02 1003	3.6E-03 1.3E-02 1.0E-06 0
20:35----21:05	1.1E-03 4.4E-01 6.1E-02 9 5	2.4E-03 1.3E+00 1.4E-02 57	1.6E+00 7.4E-02 1.6E-02 1003	3.4E-03 1.6E-02 1.0E-06 0

## STATISTICS

NUMBER OF READINGS 234

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	1.04E+01	4.56E-01	1.42E+00	5.69E-05	4.35E+00
TRS	1.00E-06	1.48E-02	4.93E-03	3.08E-03	2.36E-03	9.56E+00
THC	1.24E+00	6.43E+00	1.63E+00	6.94E-01	1.56E+00	1.29E+00
SO2	2.20E-03	3.31E-02	1.05E-02	7.70E-03	8.11E-03	2.07E+00
THC-CH4	3.00E-01	4.36E+00	4.98E-01	3.96E-01	4.48E-01	1.44E+00
CH4	1.12E+00	1.77E+00	1.24E+00	6.66E-02	1.23E+00	1.05E+00
NOX	2.96E-02	3.82E-01	7.65E-02	4.10E-02	7.03E-02	1.47E+00
NO2	1.00E-06	2.29E-01	1.77E-02	2.56E-02	3.98E-03	2.81E+01
NO	2.46E-02	2.15E-01	6.34E-02	2.88E-02	5.85E-02	1.47E+00
HG	1.00E-06	4.76E-02	2.29E-02	8.57E-03	2.04E-02	2.17E+00
OZONE	4.42E-03	3.56E-02	2.30E-02	8.43E-03	2.12E-02	1.53E+00
SOLAR RAD	1.00E-06	2.63E-02	6.15E-03	8.27E-03	1.63E-04	7.75E+01
TEMP	8	20	15	3		
HUMIDITY	25	62	38	12	36	1
BAROMETER	1002	1003	1002	0	1002	1
WIND SPEED	0	24	4	5	0	1285

## TERRACE BAY #13

DATE: OCT 2 1977  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: S. OF GOLF CLUB, (49170-54017); 3.1 KM & 190 DEG / SOURCE

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
23:58----00:28	4.1E-01 4.2E-01 1.2E-01 8 12	8.6E-03 1.3E+00 1.2E-02 60	1.5E+00 1.4E-01 2.0E-02 1003	2.1E-03 2.0E-02 1.0E-06 4
00:13----00:43	8.3E-01 4.0E-01 9.1E-02 8 15	9.8E-03 1.2E+00 1.4E-02 59	1.4E+00 1.1E-01 2.1E-02 1003	1.9E-03 1.8E-02 1.0E-06 4
00:28----00:58	1.3E+00 4.0E-01 5.4E-02 8 12	1.0E-02 1.2E+00 1.6E-02 60	1.5E+00 7.0E-02 2.2E-02 1003	2.0E-03 1.4E-02 1.0E-06 4
00:43----01:13	5.9E-01 3.8E-01 3.6E-02 8 7	1.1E-02 1.2E+00 1.6E-02 59	1.4E+00 4.8E-02 2.2E-02 1003	2.1E-03 1.2E-02 1.0E-06 5
00:58----01:28	1.8E-01 3.8E-01 2.7E-02 8 6	1.1E-02 1.3E+00 1.6E-02 60	1.4E+00 3.8E-02 2.3E-02 1003	2.1E-03 1.2E-02 1.0E-06 4
01:13----01:43	5.6E-01 3.0E-01 1.7E-02 6 9	9.2E-03 1.0E+00 1.4E-02 49	1.2E+00 2.7E-02 1.6E-02 803	1.6E-03 9.3E-03 1.0E-06 4
01:28----01:58	9.2E-01 2.4E-01 1.0E-02 5 7	7.6E-03 7.9E-01 1.2E-02 39	9.0E-01 1.8E-02 1.2E-02 636	8.1E-04 7.1E-03 1.0E-06 3
01:43----02:13	1.3E+00 3.2E-01 1.1E-02 6 358	1.1E-02 1.1E+00 1.7E-02 52	1.2E+00 2.0E-02 1.8E-02 836	4.7E-04 8.4E-03 1.0E-06 5
01:58----02:28	9.2E-01 3.8E-01 1.2E-02 7 4	1.3E-02 1.3E+00 2.0E-02 63	1.5E+00 2.3E-02 2.1E-02 1004	5.4E-04 9.4E-03 1.0E-06 6
02:13----02:43	8.4E-01 3.8E-01 1.3E-02 7 8	1.3E-02 1.3E+00 2.1E-02 64	1.5E+00 2.4E-02 2.0E-02 1004	4.0E-04 9.4E-03 1.0E-06 5

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC HOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
02:28----02:58	1.3E+00 3.6E-01 1.4E-02 7 3	1.3E-02 1.2E+00 2.2E-02 66	1.4E+00 2.5E-02 1.9E-02 1004	4.8E-04 1.0E-02 1.0E-06 5
02:43----03:13	6.0E-01 3.6E-01 1.6E-02 7 359	1.4E-02 1.2E+00 2.2E-02 65	1.4E+00 2.8E-02 1.8E-02 1004	7.9E-04 1.2E-02 1.0E-06 5
02:58----03:28	6.1E-01 3.9E-01 2.3E-02 7 352	1.4E-02 1.3E+00 1.4E-02 63	1.5E+00 3.5E-02 2.0E-02 1004	8.8E-04 1.2E-02 1.0E-06 5
03:13----03:43	1.4E+00 4.1E-01 3.3E-02 7 347	1.3E-02 1.3E+00 5.7E-03 61	1.5E+00 4.5E-02 2.2E-02 1004	1.1E-03 1.2E-02 1.0E-06 6
03:28----03:58	1.8E+00 4.1E-01 4.1E-02 7 346	1.2E-02 1.3E+00 5.8E-03 60	1.5E+00 5.3E-02 2.3E-02 1004	1.3E-03 1.3E-02 1.0E-06 5
03:43----04:13	1.4E+00 4.0E-01 4.6E-02 8 347	1.2E-02 1.3E+00 5.7E-03 60	1.5E+00 5.8E-02 2.3E-02 1003	9.9E-04 1.3E-02 1.0E-06 5
03:58----04:28	8.3E-01 3.8E-01 5.7E-02 7 346	1.2E-02 1.2E+00 5.8E-03 61	1.4E+00 6.9E-02 2.2E-02 1003	6.0E-04 1.4E-02 1.0E-06 5
04:13----04:43	5.4E-01 3.7E-01 6.2E-02 7 348	1.2E-02 1.2E+00 7.2E-03 61	1.4E+00 7.3E-02 2.2E-02 1003	5.1E-04 1.3E-02 1.0E-06 6
04:28----04:58	4.9E-01 4.0E-01 5.7E-02 7 345	1.2E-02 1.3E+00 7.9E-03 62	1.5E+00 6.9E-02 2.2E-02 1003	5.3E-04 1.4E-02 1.0E-06 6
04:43----05:13	6.8E-01 4.3E-01 6.3E-02 7 343	1.2E-02 1.3E+00 8.2E-03 61	1.5E+00 7.7E-02 2.2E-02 1003	7.7E-04 1.5E-02 1.0E-06 5
04:58----05:28	6.6E-01 4.2E-01 7.2E-02 7 347	1.2E-02 1.3E+00 8.5E-03 62	1.5E+00 8.5E-02 2.1E-02 1003	8.1E-04 1.5E-02 1.0E-06 4

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
05:13----05:43	5.5E-01 3.9E-01 6.9E-02 7 348	1.3E-02 1.3E+00 8.8E-03 63	1.5E+00 7.9E-02 2.1E-02 1003	7.3E-04 1.3E-02 1.0E-06 5
05:28----05:58	1.7E+00 5.6E-01 7.4E-02 7 342	1.3E-02 1.3E+00 9.4E-03 62	1.7E+00 8.7E-02 2.1E-02 1003	1.4E-03 1.7E-02 1.0E-06 6
05:43----06:13	2.5E+00 8.0E-01 8.8E-02 7 333	1.2E-02 1.3E+00 6.8E-03 61	2.1E+00 1.0E-01 2.0E-02 1003	2.3E-03 1.9E-02 1.0E-06 5
05:58----06:28	1.6E+00 8.1E-01 1.1E-01 7 330	1.1E-02 1.3E+00 1.7E-03 60	2.3E+00 1.3E-01 2.0E-02 1003	2.6E-03 2.2E-02 1.0E-06 4
06:13----06:43	8.6E-01 7.7E-01 1.4E-01 7 339	9.7E-03 1.3E+00 1.8E-02 60	2.2E+00 1.6E-01 1.8E-02 1003	2.5E-03 2.6E-02 1.0E-06 3
06:28----06:58	1.4E+00 5.9E-01 1.3E-01 8 353	9.3E-03 1.3E+00 1.6E-02 61	1.8E+00 1.5E-01 1.7E-02 1003	2.1E-03 2.0E-02 1.0E-06 4
06:43----07:13	1.6E+00 4.2E-01 1.1E-01 8 353	1.0E-02 1.3E+00 1.3E-06 60	1.5E+00 1.2E-01 2.2E-02 1003	1.9E-03 1.7E-02 1.0E-06 5
06:58----07:28	7.4E-01 5.1E-01 9.4E-02 8 348	1.1E-02 1.3E+00 1.3E-06 58	1.7E+00 1.1E-01 2.3E-02 1003	2.2E-03 2.0E-02 1.0E-06 6
07:13----07:43	5.6E-01 5.2E-01 7.6E-02 8 347	1.2E-02 1.3E+00 1.3E-06 56	1.7E+00 9.2E-02 2.4E-02 1003	2.3E-03 1.7E-02 1.5E-05 5
07:28----07:58	5.7E-01 4.3E-01 5.8E-02 8 349	1.2E-02 1.3E+00 1.3E-06 55	1.6E+00 6.4E-02 2.4E-02 1003	2.4E-03 1.3E-02 1.4E-04 5
07:43----08:13	4.4E-01 2.9E-01 2.4E-02 5 354	8.0E-03 8.0E-01 1.3E-06 35	1.0E+00 3.2E-02 1.5E-02 635	1.5E-03 7.4E-03 2.0E-04 4

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
07:58----08:28	4.8E-01 2.9E-01 2.8E-02 6 355	7.7E-03 8.0E-01 1.3E-06 34	1.0E+00 3.5E-02 1.6E-02 635	1.3E-03 7.7E-03 9.1E-04 4
08:13----08:43	7.6E-01 4.0E-01 4.0E-02 10 353	1.2E-02 1.3E+00 1.3E-06 53	1.5E+00 5.2E-02 2.5E-02 1003	1.9E-03 1.2E-02 2.3E-03 6
08:28----08:58	4.9E-01 3.8E-01 3.0E-02 10 356	1.2E-02 1.3E+00 1.3E-06 53	1.5E+00 4.2E-02 2.6E-02 1003	1.9E-03 1.2E-02 3.7E-03 7
08:43----09:13	6.5E-01 3.8E-01 2.1E-02 11 1	1.3E-02 1.3E+00 1.3E-06 53	1.5E+00 3.2E-02 2.6E-02 1003	2.1E-03 1.1E-02 4.8E-03 7
08:58----09:28	1.6E+00 3.8E-01 1.6E-02 11 360	1.2E-02 1.3E+00 1.3E-06 53	1.4E+00 2.8E-02 2.6E-02 1003	2.4E-03 1.2E-02 5.1E-03 6

## STATISTICS

## NUMBER OF READINGS 571

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	1.51E+01	9.47E-01	1.42E+00	8.29E-03	7.11E+02
TRS	1.00E-06	1.58E-02	1.13E-02	2.92E-03	8.04E-03	6.11E+00
THC	1.00E-06	5.79E+00	1.50E+00	5.15E-01	8.81E-01	1.56E+01
SO2	1.00E-06	4.15E-03	1.49E-03	8.55E-04	9.46E-04	5.00E+00
THC-CH4	1.00E-06	2.87E+00	4.28E-01	2.50E-01	2.55E-01	1.23E+01
CH4	1.00E-06	1.61E+00	1.22E+00	2.46E-01	7.35E-01	1.50E+01
NOX	1.00E-06	2.24E-01	6.67E-02	4.28E-02	3.82E-02	8.97E+00
NO2	1.00E-06	7.94E-02	1.38E-02	9.31E-03	7.04E-03	1.06E+01
NO	1.00E-06	1.92E-01	5.36E-02	3.97E-02	2.84E-02	8.91E+00
HG	1.00E-06	4.53E-01	8.96E-03	2.03E-02	3.52E-04	9.37E+01
OZONE	1.00E-06	2.70E-02	2.09E-02	5.09E-03	1.47E-02	6.88E+00
SOLAR RAD	1.00E-06	5.74E-03	5.26E-04	1.40E-03	3.81E-06	1.83E+01
TEMP	0	11	8	2		
HUMIDITY	0	67	58	12	30	31
BAROMETER	0	1004	965	193	451	54
WIND SPEED	0	16	5	3	2	23

## TERRACE BAY #14

DATE: OCT 3 1977

SCAN TIME: 60 SEC

AVERAGING TIME: 30 MIN

LOCATION: #169 BIRCH ST., (49250-54036); 1.1 KM &amp; 170 DEG / SOURCE

TIME	CO THC-CH4	TRS CH4	THC NOX	SO2 NO2
	NO HG		OZONE	SOLAR RAD
	TEMP HUMIDITY		BAROMETER	WIND SPEED
	WIND DIRECTION			
11:19----11:49	2.0E+00 6.8E-01 2.5E-01 23 353	1.5E-02 1.2E+00 3.2E-03 27	1.8E+00 3.1E-01 3.3E-02 992	7.1E-03 5.5E-02 3.8E-02 6
11:34----12:04	2.3E+00 5.4E-01 2.4E-01 24 358	6.9E-03 1.2E+00 2.7E-03 25	1.6E+00 2.6E-01 3.5E-02 992	6.6E-03 4.2E-02 3.8E-02 6
11:49----12:19	1.6E+00 5.5E-01 2.1E-01 24 2	5.1E-03 1.2E+00 1.4E-03 25	1.7E+00 2.4E-01 3.5E-02 992	9.9E-03 4.9E-02 3.8E-02 6
12:04----12:34	1.5E+00 5.7E-01 2.0E-01 23 1	3.2E-03 1.1E+00 7.4E-04 25	1.7E+00 2.7E-01 3.5E-02 992	9.7E-03 6.5E-02 3.3E-02 6
12:19----12:49	1.4E+00 6.2E-01 2.5E-01 23 353	7.3E-04 1.1E+00 2.9E-04 25	1.6E+00 2.8E-01 3.6E-02 992	4.2E-03 5.3E-02 3.9E-02 5
12:34----13:04	1.6E+00 5.6E-01 2.4E-01 24 356	9.2E-04 1.1E+00 1.8E-05 24	1.5E+00 2.4E-01 3.7E-02 992	4.3E-03 2.8E-02 5.0E-02 5
12:49----13:19	1.2E+00 5.7E-01 1.8E-01 25 5	5.5E-03 1.1E+00 1.0E-06 23	1.5E+00 1.9E-01 3.6E-02 992	6.0E-03 2.0E-02 5.3E-02 6
13:04----13:34	5.6E-01 5.8E-01 1.2E-01 25 8	2.3E-02 1.2E+00 1.0E-06 23	1.6E+00 1.4E-01 3.6E-02 991	9.3E-03 2.6E-02 5.7E-02 7
13:19----13:49	7.0E-01 5.2E-01 9.2E-02 25 356	2.8E-02 1.2E+00 1.0E-06 24	1.6E+00 1.1E-01 3.6E-02 991	8.8E-03 2.2E-02 5.5E-02 8
13:34----14:04	7.2E-01 5.8E-01 1.2E-01 24 340	1.0E-02 1.1E+00 1.0E-06 24	1.6E+00 1.4E-01 3.6E-02 991	4.9E-03 2.6E-02 5.9E-02 7

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	S02 NO2 SOLAR RAD WIND SPEED
13:49----14:19	9.0E-01 5.4E-01 1.5E-01 25 359	9.2E-04 1.1E+00 1.0E-06 23	1.6E+00 1.8E-01 3.6E-02 991	7.1E-03 4.1E-02 5.8E-02 6
14:04----14:34	1.1E+00 5.9E-01 1.7E-01 26 359	2.9E-03 1.1E+00 1.0E-06 22	1.6E+00 2.2E-01 3.4E-02 991	1.4E-02 6.3E-02 5.2E-02 6
14:19----14:49	8.5E-01 6.1E-01 1.9E-01 26 346	5.1E-03 1.2E+00 1.0E-06 22	1.6E+00 2.4E-01 3.4E-02 990	1.6E-02 5.2E-02 5.7E-02 6
14:34----15:04	6.9E-01 5.5E-01 1.6E-01 26 358	3.3E-03 1.2E+00 1.0E-06 22	1.5E+00 2.0E-01 3.5E-02 990	1.4E-02 3.1E-02 4.9E-02 6
14:49----15:19	1.2E+00 5.4E-01 1.1E-01 25 4	5.1E-03 1.2E+00 1.0E-06 22	1.6E+00 1.4E-01 3.5E-02 990	1.4E-02 3.3E-02 3.5E-02 6
15:04----15:34	9.5E-01 6.3E-01 9.8E-02 25 6	4.6E-03 1.2E+00 1.0E-06 23	1.6E+00 1.1E-01 3.5E-02 990	1.1E-02 2.4E-02 3.1E-02 6
15:19----15:49	2.7E-01 5.9E-01 9.5E-02 25 359	1.1E-06 1.1E+00 1.0E-06 22	1.5E+00 1.1E-01 3.6E-02 990	6.3E-03 2.2E-02 4.1E-02 7
15:34----16:04	4.9E-01 6.5E-01 1.1E-01 25 353	1.1E-06 1.1E+00 1.0E-06 22	1.7E+00 1.5E-01 3.6E-02 990	5.5E-03 3.8E-02 3.9E-02 6
15:49----16:19	8.6E-01 8.1E-01 1.8E-01 25 339	1.1E-06 1.2E+00 1.0E-06 22	1.9E+00 2.4E-01 3.4E-02 989	3.5E-03 6.0E-02 3.6E-02 5
16:04----16:34	8.1E-01 6.0E-01 2.1E-01 26 344	1.1E-06 1.1E+00 1.0E-06 21	1.7E+00 2.8E-01 3.4E-02 989	3.0E-03 5.3E-02 4.5E-02 6
16:19----16:49	1.0E+00 6.1E-01 2.0E-01 26 349	1.1E-06 1.2E+00 1.0E-06 21	1.8E+00 2.4E-01 3.4E-02 989	2.6E-03 4.0E-02 4.2E-02 6

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
16:34----17:04	1.5E+00 5.9E-01 1.7E-01 26 351	1.1E-06 1.1E+00 1.0E-06 21	1.8E+00 1.8E-01 3.6E-02 989	2.4E-03 2.9E-02 3.5E-02 6
16:49----17:19	1.3E+00 5.8E-01 1.6E-01 25 351	1.1E-06 1.1E+00 1.0E-06 22	1.7E+00 1.6E-01 3.6E-02 989	2.9E-03 1.6E-02 3.0E-02 6
17:04----17:34	9.9E-01 7.5E-01 1.7E-01 25 351	1.1E-06 1.1E+00 1.0E-06 23	2.1E+00 1.8E-01 3.3E-02 989	4.8E-03 3.7E-02 2.6E-02 5
17:19----17:49	1.7E+00 8.6E-01 2.1E-01 25 354	1.1E-06 1.2E+00 1.0E-06 23	2.1E+00 2.2E-01 3.2E-02 989	5.2E-03 3.9E-02 2.1E-02 5
17:34----18:04	1.9E+00 8.7E-01 2.3E-01 24 355	1.1E-06 1.2E+00 1.0E-06 23	1.9E+00 2.6E-01 3.3E-02 989	4.0E-03 4.2E-02 1.4E-02 5
17:49----18:19	1.3E+00 7.6E-01 2.2E-01 23 350	1.1E-06 1.2E+00 1.0E-06 25	1.7E+00 2.8E-01 3.2E-02 989	4.0E-03 5.2E-02 9.4E-03 5
18:04----18:34	1.6E+00 8.5E-01 2.4E-01 22 344	1.1E-06 1.2E+00 1.0E-06 26	1.9E+00 2.8E-01 2.9E-02 989	4.1E-03 4.3E-02 6.3E-03 5
18:19----18:49	1.8E+00 9.7E-01 2.4E-01 21 340	1.1E-06 1.2E+00 1.0E-06 28	2.1E+00 3.1E-01 2.7E-02 988	4.4E-03 5.9E-02 3.5E-03 4
18:34----19:04	1.3E+00 8.4E-01 2.2E-01 20 331	1.1E-06 1.2E+00 1.0E-06 30	2.0E+00 2.7E-01 2.8E-02 988	4.5E-03 4.7E-02 2.1E-03 3
18:49----19:19	1.1E+00 9.3E-01 1.8E-01 18 330	1.1E-06 1.2E+00 1.0E-06 33	2.0E+00 2.1E-01 2.8E-02 988	4.2E-03 2.8E-02 1.3E-03 2
19:04----19:34	1.3E+00 1.3E+00 1.4E-01 18 339	1.1E-06 1.2E+00 1.0E-06 35	2.6E+00 1.7E-01 2.4E-02 988	4.2E-03 3.2E-02 5.7E-04 2

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
19:19----19:49	4.6E+00 1.7E+00 1.0E-01 17 355	1.1E-06 1.2E+00 1.0E-06 36	3.0E+00 1.3E-01 2.0E-02 988	4.2E-03 3.2E-02 1.4E-04 1
19:34----20:04	2.4E+00 1.7E+00 7.8E-02 16 341	1.1E-06 1.3E+00 1.0E-06 39	3.0E+00 9.7E-02 1.7E-02 988	3.8E-03 2.4E-02 8.6E-06 0
19:49----20:19	2.7E+00 1.6E+00 8.1E-02 15 316	1.1E-06 1.3E+00 1.0E-06 44	3.1E+00 1.0E-01 1.8E-02 988	3.8E-03 1.8E-02 1.5E-06 0
20:04----20:34	1.3E+00 1.2E+00 9.4E-02 14 342	1.1E-06 1.2E+00 1.0E-06 47	2.7E+00 1.2E-01 1.9E-02 988	3.4E-03 2.4E-02 1.5E-06 0
20:19----20:49	4.1E-01 6.6E-01 9.5E-02 13 283	1.1E-06 1.1E+00 3.6E-03 50	1.8E+00 1.3E-01 2.5E-02 988	2.6E-03 2.7E-02 1.5E-06 0
20:34----21:04	3.0E-01 5.6E-01 1.0E-01 12 243	1.1E-06 1.1E+00 1.2E-02 49	1.6E+00 1.3E-01 3.1E-02 988	2.6E-03 2.3E-02 1.5E-06 1
20:49----21:19	2.3E-01 5.4E-01 1.2E-01 12 259	1.1E-06 1.1E+00 1.7E-02 49	1.6E+00 1.6E-01 2.8E-02 988	2.9E-03 3.4E-02 1.5E-06 2
21:04----21:34	3.9E-01 7.0E-01 1.5E-01 12 266	1.1E-06 1.2E+00 1.8E-02 49	1.8E+00 1.9E-01 2.6E-02 988	2.9E-03 3.8E-02 1.5E-06 2
21:19----21:49	7.2E-01 9.5E-01 2.1E-01 12 264	1.1E-06 1.3E+00 1.8E-02 50	2.3E+00 2.6E-01 2.3E-02 988	3.2E-03 5.0E-02 1.5E-06 1
21:34----22:04	7.2E-01 1.1E+00 2.6E-01 12 317	1.1E-06 1.8E+00 1.9E-02 53	2.8E+00 3.4E-01 2.2E-02 988	3.2E-03 6.5E-02 1.5E-06 0
21:49----22:19	2.2E-01 9.8E-01 2.8E-01 11 335	1.1E-06 2.0E+00 2.0E-02 57	2.9E+00 3.5E-01 2.4E-02 988	2.6E-03 5.5E-02 1.5E-06 1

TIME	CO THC-CH4	TRS CH4 NO HG HUMIDITY	THC NOX OZONE	SO2 NO2 SOLAR RAD WIND SPEED
	TEMP WIND DIRECTION	BAROMETER		
22:04----22:34	1.6E-01 9.2E-01 2.6E-01 11 340	1.1E-06 2.0E+00 2.1E-02 61	2.7E+00 3.2E-01 2.3E-02 988	2.0E-03 3.8E-02 1.5E-06 1
22:19----22:49	1.2E-01 9.3E-01 2.8E-01 11 342	1.1E-06 2.2E+00 2.2E-02 64	2.9E+00 3.3E-01 2.0E-02 988	1.7E-03 3.9E-02 1.5E-06 2
22:34----23:04	1.6E-02 8.6E-01 3.1E-01 10 346	1.1E-06 2.1E+00 2.2E-02 67	2.7E+00 3.8E-01 1.8E-02 988	1.4E-03 4.8E-02 1.5E-06 3
22:49----23:19	5.8E-05 8.3E-01 3.0E-01 10 345	1.1E-06 1.9E+00 2.2E-02 68	2.5E+00 3.7E-01 2.1E-02 988	1.3E-03 4.5E-02 1.5E-06 3
23:04----23:34	5.8E-05 8.1E-01 2.9E-01 10 340	1.1E-06 1.8E+00 2.3E-02 70	2.4E+00 3.5E-01 2.1E-02 988	1.3E-03 4.0E-02 1.5E-06 3
23:19----23:49	5.8E-05 6.5E-01 3.0E-01 9 339	1.5E-04 1.7E+00 2.3E-02 71	2.1E+00 3.7E-01 2.0E-02 987	1.2E-03 3.8E-02 1.5E-06 3
23:34----00:04	5.8E-05 6.2E-01 3.1E-01 9 341	2.4E-04 1.6E+00 2.3E-02 71	2.0E+00 3.7E-01 1.9E-02 987	7.9E-04 3.8E-02 1.5E-06 3

## STATISTICS

NUMBER OF READINGS 770

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	1.92E+01	9.81E-01	2.07E+00	2.30E-03	8.35E+02
CRS	1.00E-06	1.41E-01	2.57E-03	1.06E-02	6.98E-06	3.65E+01
THC	1.18E+00	8.80E+00	2.01E+00	9.76E-01	1.86E+00	1.43E+00
SO2	2.36E-04	7.13E-02	5.06E-03	6.09E-03	3.58E-03	2.19E+00
THC-CH4	3.09E-01	5.78E+00	7.79E-01	6.85E-01	6.41E-01	1.72E+00
CH4	1.01E+00	2.54E+00	1.30E+00	3.22E-01	1.27E+00	1.23E+00
NOX	5.41E-02	5.97E-01	2.30E-01	1.05E-01	2.05E-01	1.64E+00
NO2	1.00E-06	4.23E-01	3.93E-02	5.69E-02	2.42E-03	9.64E+01
NO	3.75E-02	5.28E-01	1.91E-01	9.01E-02	1.69E-01	1.67E+00
HG	1.00E-06	2.66E-02	5.70E-03	9.14E-03	2.54E-05	9.08E+01
OZONE	3.65E-03	4.08E-02	2.93E-02	8.71E-03	2.76E-02	1.45E+00
SOLAR RAD	1.00E-06	7.47E-02	2.17E-02	2.38E-02	6.04E-04	1.30E+02
TEMP	8	27	20	6		
HUMIDITY	19	74	36	17	33	2
BAROMETER	987	992	989	2	989	1
WIND SPEED	0	22	5	4	1	144

## TERRACE BAY #15

DATE: OCT 4 1977

SCAN TIME: 60 SEC

AVERAGING TIME: 30 MIN

LOCATION: #169 BIRCH ST., (49250-54036); 1.1 KM &amp; 170 DEG N SOURCE

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
02:13----02:43	1.1E-02 5.2E-01 3.6E-01 7 336	1.0E-06 1.4E+00 1.0E-06 79	1.7E+00 4.3E-01 1.4E-02 987	1.0E-06 4.2E-02 1.0E-06 3
02:28----02:58	8.9E-03 5.4E-01 3.5E-01 7 335	7.3E-05 1.4E+00 1.0E-06 79	1.8E+00 4.3E-01 1.5E-02 987	7.0E-06 4.8E-02 1.0E-06 2
02:43----03:13	6.1E-02 5.6E-01 3.6E-01 7 334	7.3E-05 1.5E+00 1.0E-06 79	1.8E+00 4.4E-01 1.5E-02 987	7.0E-06 5.1E-02 1.0E-06 3
02:58----03:28	5.7E-02 5.4E-01 3.7E-01 7 329	1.0E-06 1.4E+00 1.0E-06 79	1.8E+00 4.4E-01 1.4E-02 987	1.7E-05 4.2E-02 1.0E-06 3
03:13----03:43	1.7E-01 5.0E-01 3.8E-01 7 326	1.0E-06 1.2E+00 1.0E-06 80	1.7E+00 4.5E-01 1.3E-02 987	4.1E-05 4.7E-02 1.0E-06 3
03:28----03:58	1.7E-01 5.3E-01 4.1E-01 7 330	1.0E-06 1.3E+00 1.0E-06 80	1.7E+00 5.0E-01 1.2E-02 987	1.5E-04 6.6E-02 1.0E-06 2
03:43----04:13	1.6E-06 5.3E-01 4.1E-01 7 333	1.0E-06 1.4E+00 1.0E-06 80	1.7E+00 5.0E-01 1.1E-02 987	2.1E-04 5.6E-02 1.0E-06 1
03:58----04:28	1.6E-06 5.2E-01 3.5E-01 7 332	1.0E-06 1.4E+00 1.0E-06 82	1.7E+00 4.3E-01 1.1E-02 987	1.9E-04 3.7E-02 1.0E-06 2

## STATISTICS

• NUMBER OF READINGS 143

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	3.10E+00	5.00E-02	2.92E-01	2.88E-06	3.38E+01
TRS	1.00E-06	2.16E-03	1.61E-05	1.81E-04	1.06E-06	1.90E+00
THC	1.30E+00	2.78E+00	1.76E+00	2.19E-01	1.74E+00	1.12E+00
SO2	1.00E-06	9.34E-04	9.46E-05	1.53E-04	9.42E-06	1.30E+01
THC-CH4	3.55E-01	9.38E-01	5.31E-01	9.03E-02	5.24E-01	1.17E+00
CH4	1.14E+00	1.67E+00	1.39E+00	1.06E-01	1.38E+00	1.08E+00
NOX	3.51E-01	7.14E-01	4.50E-01	5.94E-02	4.46E-01	1.13E+00
NO2	1.00E-06	3.20E-01	4.87E-02	4.22E-02	2.06E-02	1.64E+01
NO	2.94E-01	5.08E-01	3.73E-01	4.58E-02	3.71E-01	1.13E+00
HG	1.00E-06	1.00E-06	1.00E-06	0.00E+00	1.00E-06	1.00E+00
OZONE	9.31E-03	1.68E-02	1.28E-02	1.78E-03	1.27E-02	1.15E+00
SOLAR RAD	1.00E-06	1.00E-06	1.00E-06	0.00E+00	1.00E-06	1.00E+00
TEMP	6	7	7	0		
HUMIDITY	77	85	80	2	80	1
BAROMETER	986	987	987	0	987	1
WIND SPEED	0	7	2	2	1	20

## TERRACE BAY #16

DATE: OCT 14 1977  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: SHELL STATION, (49320-54035); 1.6 KM & 135 DEG / SOURCE

TIME	CO THC-CH4 NO HUMIDITY	TRS CH4 HG BAROMETER	THC NOX OZONE	S02 NO2 TEMP WIND WIND DIRECTI
22:18----22:48	1.4E+00 6.2E-01 1.4E-01 57	1.1E-02 1.1E+00 3.2E-03 983	1.6E+00 1.9E-01 3.8E-02 2	3.7E-03 3.3E-02 9 1
22:33----23:03	5.0E-01 6.2E-01 6.5E-02 57	3.5E-03 1.1E+00 3.2E-04 983	1.6E+00 9.5E-02 3.4E-02 2	4.0E-03 3.1E-02 9 13
22:48----23:18	3.8E-01 5.5E-01 8.5E-02 57	1.4E-04 1.1E+00 4.8E-05 983	1.6E+00 1.1E-01 4.4E-02 2	4.0E-03 2.4E-02 8 9
23:03----23:33	2.2E-01 5.5E-01 1.2E-01 58	1.0E-06 1.1E+00 8.0E-04 983	1.6E+00 1.7E-01 4.2E-02 2	4.2E-03 3.0E-02 8 3
23:18----23:48	2.3E-01 5.6E-01 1.6E-01 59	1.0E-06 1.1E+00 8.0E-04 983	1.6E+00 2.2E-01 3.5E-02 2	4.1E-03 3.5E-02 8 358
23:33----00:03	3.1E-01 6.3E-01 1.8E-01 60	1.0E-06 1.1E+00 1.0E-06 983	1.5E+00 2.4E-01 3.9E-02 2	3.7E-03 3.1E-02 8 355
23:48----00:18	1.8E-01 6.1E-01 1.8E-01 59	1.0E-06 1.1E+00 1.0E-06 983	1.5E+00 2.4E-01 4.8E-02 3	3.0E-03 3.0E-02 8 350
00:03----00:33	1.7E-02 5.2E-01 1.7E-01 58	1.0E-06 1.1E+00 9.1E-06 983	1.5E+00 2.2E-01 5.1E-02 4	2.0E-03 2.5E-02 8 355
00:18----00:48	1.9E-03 5.2E-01 1.4E-01 58	1.0E-06 1.1E+00 9.1E-06 983	1.5E+00 1.8E-01 5.1E-02 5	1.4E-03 1.8E-02 8 3
00:33----01:03	4.1E-02 5.0E-01 1.0E-01 58	1.0E-06 1.1E+00 1.0E-06 983	1.5E+00 1.4E-01 5.1E-02 8	8.7E-04 1.7E-02 8 8
00:48----01:18	4.5E-02 4.8E-01 7.0E-02 58	1.0E-06 1.1E+00 1.0E-06 984	1.5E+00 9.6E-02 4.9E-02 15	3.6E-04 1.7E-02 8 16
01:03----01:33	1.3E-02 4.8E-01 3.9E-02 59	1.0E-06 1.1E+00 1.0E-06 984	1.5E+00 5.8E-02 4.8E-02 19	6.8E-05 1.3E-02 8 20

TIME	CO THC-CH4 NO HUMIDITY	TRS CH4 HC BAROMETER	THC NOX OZONE WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
01:18----01:48	8.7E-03 4.8E-01 1.9E-02 61	1.0E-06 1.1E+00 1.0E-06 984	1.4E+00 3.3E-02 4.9E-02 19	1.0E-06 1.0E-02 7 18
01:33----02:03	1.1E-02 4.8E-01 1.1E-02 63	1.0E-06 1.1E+00 1.0E-06 984	1.4E+00 2.2E-02 4.8E-02 21	2.4E-05 9.8E-03 7 22
01:48----02:18	1.6E-02 4.8E-01 7.0E-03 63	1.0E-06 1.0E+00 1.0E-06 984	1.4E+00 1.6E-02 4.8E-02 22	1.1E-04 9.7E-03 6 23
02:03----02:33	5.5E-03 4.8E-01 4.2E-03 63	1.0E-06 1.0E+00 1.0E-06 984	1.4E+00 1.3E-02 4.7E-02 21	8.9E-05 9.5E-03 6 20
02:18----02:48	7.5E-06 4.8E-01 2.5E-03 64	1.0E-06 1.0E+00 1.0E-06 984	1.4E+00 1.0E-02 4.7E-02 20	1.0E-06 8.8E-03 6 17
02:33----03:03	7.5E-06 4.8E-01 2.3E-03 64	1.0E-06 1.0E+00 1.0E-06 984	1.4E+00 9.7E-03 4.7E-02 19	1.0E-06 8.3E-03 5 17
02:48----03:18	7.5E-06 4.8E-01 3.4E-03 64	1.0E-06 1.0E+00 1.0E-06 985	1.4E+00 1.2E-02 4.6E-02 20	1.0E-06 9.1E-03 5 19
03:03----03:33	7.5E-06 4.9E-01 4.7E-03 65	1.0E-06 1.0E+00 1.0E-06 985	1.4E+00 1.2E-02 4.4E-02 23	1.0E-06 8.3E-03 5 20
03:18----03:48	7.5E-06 4.9E-01 3.8E-03 66	1.0E-06 1.0E+00 1.0E-06 985	1.4E+00 1.1E-02 4.3E-02 21	1.0E-06 8.2E-03 5 17
03:33----04:03	7.5E-06 4.8E-01 1.5E-03 67	1.0E-06 1.0E+00 1.0E-06 985	1.4E+00 9.2E-03 4.4E-02 24	1.0E-06 9.0E-03 4 15
03:48----04:18	7.5E-06 4.8E-01 5.1E-04 67	1.0E-06 1.0E+00 1.0E-06 985	1.4E+00 6.0E-03 4.4E-02 26	1.0E-06 7.1E-03 4 16
04:03----04:33	7.5E-06 4.9E-01 1.2E-04 67	1.0E-06 1.0E+00 1.0E-06 985	1.4E+00 4.9E-03 4.4E-02 25	1.0E-06 5.8E-03 4 18
04:18----04:48	7.5E-06 4.9E-01 1.1E-04 67	1.0E-06 1.0E+00 1.0E-06 985	1.5E+00 4.7E-03 4.4E-02 25	1.0E-06 5.7E-03 4 19

TIME	CO THC-CH4 NO HUMIDITY	TRS CH4 HG BAROMETER	THC NOX OZONE WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
04:33----05:03	7.5E-06 4.9E-01 9.6E-06 68	1.0E-06 1.0E+00 1.0E-06 985	1.5E+00 4.0E-03 4.3E-02 25	1.0E-06 5.4E-03 4 16
04:48----05:18	7.5E-06 5.0E-01 3.2E-04 69	1.0E-06 1.0E+00 1.0E-06 986	1.5E+00 4.2E-03 4.2E-02 24	1.0E-06 4.9E-03 4 12
05:03----05:33	7.5E-06 4.9E-01 5.1E-04 69	1.0E-06 1.0E+00 1.0E-06 986	1.5E+00 4.5E-03 4.3E-02 23	1.0E-06 5.0E-03 3 15
05:18----05:48	7.5E-06 5.0E-01 3.6E-04 69	1.0E-06 1.0E+00 1.0E-06 986	1.5E+00 4.8E-03 4.3E-02 23	2.8E-04 5.8E-03 3 19
05:33----06:03	7.5E-06 5.0E-01 1.6E-03 70	1.0E-06 1.0E+00 1.0E-06 986	1.5E+00 7.6E-03 4.2E-02 22	1.0E-03 7.4E-03 3 16
05:48----06:18	7.5E-06 5.0E-01 2.5E-03 71	1.0E-06 1.0E+00 1.0E-06 986	1.5E+00 9.8E-03 4.2E-02 22	1.4E-03 8.0E-03 3 15
06:03----06:33	7.5E-06 5.0E-01 2.2E-03 71	1.0E-06 1.0E+00 1.0E-06 987	1.5E+00 8.9E-03 4.2E-02 22	1.3E-03 7.1E-03 3 13
06:18----06:48	7.5E-06 5.0E-01 2.4E-03 71	1.0E-06 1.0E+00 1.0E-06 987	1.5E+00 9.2E-03 4.2E-02 21	1.1E-03 7.7E-03 3 12
06:33----07:03	7.5E-06 5.1E-01 8.2E-03 71	1.0E-06 1.0E+00 1.0E-06 987	1.5E+00 1.7E-02 4.0E-02 16	8.0E-04 9.5E-03 3 12
06:48----07:18	7.5E-06 5.0E-01 1.6E-02 71	1.0E-06 1.1E+00 1.0E-06 987	1.5E+00 2.7E-02 4.1E-02 12	4.3E-04 1.1E-02 3 12
07:03----07:33	7.5E-06 5.1E-01 2.1E-02 70	1.0E-06 1.1E+00 1.0E-06 988	1.5E+00 3.3E-02 4.2E-02 12	2.3E-04 1.1E-02 2 16
07:18----07:48	4.0E-02 5.5E-01 3.1E-02 70	1.0E-06 1.1E+00 1.0E-06 988	1.5E+00 4.6E-02 3.9E-02 11	9.0E-05 1.3E-02 2 16
07:33----08:03	4.0E-02 5.6E-01 3.4E-02 70	1.0E-06 1.1E+00 1.0E-06 988	1.5E+00 5.2E-02 3.9E-02 13	2.2E-06 1.4E-02 2 10

TIME	CO THC-CH4	TRS CH4	THC NOX	SO2 NO2
	NO	HG	OZONE	TEMP
	HUMIDITY	BAROMETER	WIND SPEED	WIND DIRECTI
07:48----08:18	7.5E-06 5.3E-01 3.0E-02 70	1.0E-06 1.1E+00 1.0E-06 988	1.5E+00 4.6E-02 4.0E-02 14	1.0E-06 1.3E-02 2 12
08:03----08:33	7.5E-06 5.2E-01 2.9E-02 71	1.0E-06 1.1E+00 1.0E-06 988	1.5E+00 4.5E-02 4.2E-02 11	1.0E-06 1.4E-02 1 21
08:18----08:48	7.5E-06 5.1E-01 3.2E-02 74	1.0E-06 1.1E+00 1.0E-06 988	1.5E+00 4.8E-02 4.3E-02 10	1.0E-06 1.4E-02 1 20

## STATISTICS

NUMBER OF READINGS 642

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	4.73E+00	1.06E-01	4.50E-01	5.52E-06	8.15E+01
<b>TRS</b>	1.00E-06	2.21E-02	5.22E-04	2.59E-03	1.63E-06	7.54E+00
THC	1.42E+00	2.73E+00	1.48E+00	8.24E-02	1.48E+00	1.05E+00
SO2	1.00E-06	6.90E-03	9.35E-04	1.45E-03	2.74E-05	3.84E+01
THC-CH4	4.61E-01	3.30E+00	5.15E-01	1.35E-01	5.09E-01	1.13E+00
CH4	1.03E+00	1.42E+00	1.06E+00	2.27E-02	1.05E+00	1.02E+00
NOX	2.82E-03	4.64E-01	6.26E-02	8.11E-02	2.68E-02	3.88E+00
NO2	1.00E-06	2.31E-01	1.39E-02	1.71E-02	7.54E-03	6.67E+00
NO	1.00E-06	3.51E-01	4.40E-02	6.37E-02	3.90E-03	4.60E+01
HG	1.00E-06	1.98E-02	1.91E-04	1.24E-03	1.41E-06	5.00E+00
OZONE	7.31E-03	5.71E-02	4.37E-02	6.22E-03	4.31E-02	1.20E+00
TEMP	1	9	5	2		
HUMIDITY	56	76	65	5	65	1
BAROMETER	983	988	985	2	985	1
WIND SPEED	0	46	16	10	11	3

## TERRACE BAY #17

DATE: OCT 15 1977

SCAN TIME: 30 SEC

AVERAGING TIME: 30 MIN

LOCATION: MILL RD. (CEMETARY), (49220-54042) 0.4 KM E 180 DEG N SOURCE

TIME	CO	TRS	THC	SO2
	THC-CH4	CH4	NOX	NO2
	NO	HG	OZONE	SOLAR RAD
	TEMP	HUMIDITY	BAROMETER	WIND SPEED
	WIND DIRECTION			
09:44----10:14	1.6E+00 5.4E-01 8.9E-03 3 355	3.7E-02 1.2E+00 7.1E-03 71	1.6E+00 1.7E-02 1.8E-02 988	1.1E-02 7.4E-03 2.3E-02 10
09:59----10:29	6.7E-01 5.7E-01 1.2E-02 4 345	3.9E-02 1.2E+00 8.2E-03 71	1.7E+00 2.5E-02 1.6E-02 988	2.6E-02 1.1E-02 1.7E-02 10
10:14----10:44	4.0E-01 5.6E-01 1.2E-02 3 348	4.1E-02 1.2E+00 8.7E-03 71	1.7E+00 2.5E-02 1.6E-02 988	3.7E-02 1.1E-02 1.8E-02 11

## STATISTICS

NUMBER OF READINGS 129

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	1.29E+01	9.54E-01	1.65E+00	8.89E-04	1.15E+03
TRS	2.47E-02	5.64E-02	3.87E-02	6.01E-03	3.82E-02	1.17E+00
THC	1.46E+00	5.48E+00	1.64E+00	3.71E-01	1.62E+00	1.14E+00
SO2	1.00E-06	9.13E-02	2.36E-02	1.82E-02	1.23E-02	5.65E+00
THC-CH4	4.65E-01	1.86E+00	5.48E-01	1.35E-01	5.40E-01	1.17E+00
CH4	1.08E+00	1.42E+00	1.15E+00	6.43E-02	1.15E+00	1.05E+00
NOX	7.15E-03	5.04E-02	2.06E-02	9.42E-03	1.85E-02	1.62E+00
NO2	1.57E-03	3.08E-02	9.00E-03	4.92E-03	7.67E-03	1.83E+00
NO	2.69E-03	2.79E-02	1.02E-02	5.37E-03	8.93E-03	1.68E+00
HG	2.13E-04	1.51E-02	7.98E-03	2.31E-03	7.41E-03	1.63E+00
OZONE	1.02E-02	1.98E-02	1.67E-02	2.10E-03	1.66E-02	1.15E+00
SOLAR RAD	6.99E-03	4.27E-02	2.13E-02	9.91E-03	1.89E-02	1.67E+00
TEMP	3	4	3	0		
HUMIDITY	67	74	71	2	71	1
BAROMETER	987	988	988	0	988	1
WIND SPEED	0	28	12	6	10	2

## TERRACE BAY #18

DATE: OCT 15 1977

SCAN TIME: 30 SEC

AVERAGING TIME: 30 MIN

LOCATION: MILL RD.(CEMETARY), (49220-54042); 0.4 KM S 180 DEG / SOURCE

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
11:14----11:44	4.5E-01 5.1E-01 1.6E-02 7 357	2.8E-02 1.1E+00 1.1E-02 51	1.5E+00 2.6E-02 2.0E-02 987	1.8E-02 1.0E-02 4.7E-02 13
11:29----11:59	3.5E-01 5.1E-01 2.2E-02 7 2	3.1E-02 1.1E+00 1.2E-02 50	1.5E+00 3.4E-02 2.0E-02 987	2.4E-02 1.2E-02 4.8E-02 13
11:44----12:14	2.6E-01 4.9E-01 2.7E-02 8 4	3.0E-02 1.1E+00 1.3E-02 48	1.5E+00 3.5E-02 2.0E-02 987	2.1E-02 1.0E-02 4.9E-02 12
11:59----12:29	2.7E-01 4.8E-01 3.8E-02 8 352	2.6E-02 1.1E+00 1.4E-02 49	1.5E+00 4.4E-02 1.9E-02 987	2.1E-02 1.1E-02 3.7E-02 11
12:14----12:44	2.5E-01 4.8E-01 4.5E-02 7 1	2.5E-02 1.1E+00 1.6E-02 50	1.5E+00 5.3E-02 2.0E-02 987	1.7E-02 1.3E-02 4.0E-02 11
12:29----12:59	1.2E-01 4.6E-01 5.3E-02 8 15	2.2E-02 1.1E+00 1.8E-02 46	1.4E+00 5.7E-02 2.3E-02 987	6.5E-03 1.2E-02 5.4E-02 12
12:44----13:14	2.3E-01 5.0E-01 6.6E-02 9 11	2.2E-02 1.1E+00 2.0E-02 43	1.5E+00 6.6E-02 2.3E-02 987	8.7E-03 1.2E-02 5.0E-02 10
12:59----13:29	4.8E-01 5.1E-01 7.3E-02 9 7	2.1E-02 1.1E+00 2.3E-02 43	1.5E+00 7.4E-02 2.2E-02 987	1.0E-02 1.3E-02 4.5E-02 9
13:14----13:44	5.9E-01 6.5E-01 5.1E-02 9 358	1.2E-02 1.1E+00 3.5E-02 42	1.6E+00 5.6E-02 2.2E-02 987	7.8E-03 1.1E-02 4.2E-02 9

## STATISTICS

NUMBER OF READINGS 320

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	8.18E+00	3.39E-01	6.28E-01	4.04E-03	4.13E+02
TRS	3.37E-03	5.18E-02	2.23E-02	9.46E-03	1.93E-02	1.87E+00
THC	1.40E+00	4.22E+00	1.51E+00	2.03E-01	1.50E+00	1.10E+00
SO2	3.46E-03	1.20E-01	1.43E-02	1.33E-02	1.11E-02	1.93E+00
THC-CH4	4.33E-01	5.70E+00	5.21E-01	3.60E-01	4.94E-01	1.27E+00
CH4	1.06E+00	1.90E+00	1.10E+00	7.91E-02	1.10E+00	1.06E+00
NOX	1.16E-02	1.19E-01	4.72E-02	2.01E-02	4.27E-02	1.60E+00
NO2	1.00E-06	4.28E-02	1.10E-02	7.11E-03	6.68E-03	7.18E+00
NO	4.41E-03	1.28E-01	4.10E-02	2.28E-02	3.40E-02	1.95E+00
HG	1.00E-06	1.04E-01	2.27E-02	1.92E-02	1.80E-02	2.20E+00
OZONE	1.08E-02	2.40E-02	2.10E-02	1.81E-03	2.09E-02	1.10E+00
SOLAR RAD	8.65E-03	6.84E-02	4.47E-02	1.31E-02	4.19E-02	1.50E+00
TEMP	2	10	8	1		
HUMIDITY	31	55	46	4	46	1
BAROMETER	986	988	987	0	987	1
WIND SPEED	0	30	12	6	11	2

## TERRACE BAY #19

DATE: OCT 15 1977  
 SCAN TIME: 30 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: MILL RD., (49240-54042); 0.7 KM & 170 DEG / SOURCE

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
15:17----15:47	7.0E-01 5.7E-01 4.3E-02 8 348	3.1E-02 1.1E+00 8.2E-02 30	1.6E+00 5.1E-02 2.7E-02 986	7.5E-03 1.1E-02 1.4E-02 6
15:32----16:02	8.1E-01 5.7E-01 3.3E-02 8 351	3.3E-02 1.1E+00 7.0E-02 31	1.6E+00 4.1E-02 2.6E-02 986	1.3E-02 1.1E-02 8.7E-03 7
15:47----16:17	5.7E-01 5.9E-01 4.2E-02 8 353	3.1E-02 1.1E+00 5.9E-02 30	1.7E+00 4.6E-02 2.7E-02 986	1.6E-02 9.9E-03 1.0E-02 7
16:02----16:32	3.0E-01 5.4E-01 5.0E-02 7 351	2.8E-02 1.1E+00 5.1E-02 32	1.6E+00 5.5E-02 2.6E-02 986	1.6E-02 1.1E-02 7.8E-03 6
16:17----16:47	5.0E-01 5.5E-01 7.0E-02 7 353	2.5E-02 1.1E+00 4.4E-02 35	1.6E+00 6.6E-02 2.5E-02 986	1.2E-02 9.4E-03 4.1E-03 5

## STATISTICS

NUMBER OF READINGS 188

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	1.65E+01	5.92E-01	1.60E+00	3.75E-04	7.96E+02
TRS	1.93E-02	3.65E-02	2.90E-02	4.11E-03	2.87E-02	1.16E+00
THC	1.40E+00	5.90E+00	1.64E+00	6.12E-01	1.58E+00	1.27E+00
SO2	1.00E-06	2.50E-02	1.18E-02	5.21E-03	8.82E-03	3.57E+00
THC-CH4	4.26E-01	2.89E+00	5.63E-01	3.08E-01	5.24E-01	1.38E+00
CH4	1.06E+00	1.34E+00	1.08E+00	2.99E-02	1.08E+00	1.03E+00
NOX	2.73E-02	1.30E-01	5.49E-02	1.86E-02	5.23E-02	1.36E+00
NO2	1.00E-06	3.79E-02	1.00E-02	6.37E-03	4.82E-03	1.17E+01
NO	1.99E-02	1.74E-01	5.22E-02	2.57E-02	4.74E-02	1.54E+00
HG	3.52E-02	9.60E-02	6.10E-02	1.71E-02	5.86E-02	1.32E+00
OZONE	1.33E-02	3.08E-02	2.65E-02	3.43E-03	2.62E-02	1.16E+00
SOLAR RAD	3.58E-03	3.98E-02	9.37E-03	8.68E-03	7.21E-03	1.92E+00
TEMP	6	10	7	1		
HUMIDITY	28	38	32	3	32	1
BAROMETER	986	986	986	0	986	1
WIND SPEED	0	24	7	5	4	9

## TERRACE BRY #20

DATE: OCT 15 1977  
 SCAN TIME: 120 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: SPORTS CENTRE, (49230-54030); 1.8 KM & 170 DEG ✓ SOURCE

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
18:40----19:10	4.3E-01 4.8E-01 1.6E-02 4 7	1.8E-02 1.1E+00 2.7E-02 38	1.5E+00 2.4E-02 2.4E-02 989	1.4E-02 9.3E-03 6.2E-04 6
18:50----19:20	4.6E-01 4.9E-01 2.3E-02 3 4	2.0E-02 1.1E+00 2.8E-02 40	1.5E+00 3.0E-02 2.5E-02 989	1.4E-02 8.8E-03 2.7E-04 5
19:00----19:30	5.6E-01 4.9E-01 3.1E-02 3 10	2.0E-02 1.1E+00 2.8E-02 41	1.5E+00 3.6E-02 2.6E-02 989	1.6E-02 8.3E-03 8.4E-05 5
19:10----19:40	3.2E-01 4.7E-01 3.6E-02 3 17	2.0E-02 1.1E+00 2.8E-02 41	1.5E+00 4.0E-02 2.6E-02 989	1.7E-02 7.9E-03 1.2E-05 5
19:20----19:50	2.1E-01 4.7E-01 4.0E-02 3 17	2.0E-02 1.1E+00 2.8E-02 42	1.5E+00 4.4E-02 2.6E-02 989	1.8E-02 8.4E-03 1.0E-06 5
19:30----20:00	7.6E-02 4.7E-01 4.4E-02 2 16	2.0E-02 1.1E+00 2.6E-02 43	1.5E+00 4.7E-02 2.6E-02 989	1.8E-02 8.4E-03 1.0E-06 4
19:40----20:10	2.3E-01 5.2E-01 5.3E-02 2 14	2.3E-02 1.1E+00 2.6E-02 44	1.5E+00 6.3E-02 2.4E-02 989	1.3E-02 1.5E-02 1.0E-06 3
19:50----20:20	2.9E-01 5.5E-01 6.2E-02 2 12	2.5E-02 1.1E+00 2.4E-02 45	1.6E+00 7.2E-02 2.1E-02 989	1.8E-02 1.7E-02 1.0E-06 2
20:00----20:30	1.3E+00 8.0E-01 7.2E-02 2 6	2.7E-02 1.2E+00 2.3E-02 46	1.9E+00 8.1E-02 1.9E-02 989	1.7E-02 1.7E-02 1.0E-06 1
20:10----20:40	1.3E+00 7.9E-01 8.6E-02 2 356	2.9E-02 1.2E+00 2.2E-02 47	1.9E+00 8.9E-02 2.0E-02 989	1.6E-02 1.5E-02 1.0E-06 1

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
20:20----20:50	1.3E+00 8.1E-01 9.5E-02 1 352	3.1E-02 1.2E+00 2.2E-02 48	2.0E+00 1.1E-01 2.0E-02 989	1.7E-02 2.3E-02 1.0E-06 1
20:30----21:00	2.9E-01 6.0E-01 1.0E-01 1 350	2.9E-02 1.2E+00 2.3E-02 48	1.7E+00 1.2E-01 2.0E-02 989	1.7E-02 2.4E-02 1.0E-06 2
20:40----21:10	4.4E-01 7.2E-01 1.0E-01 1 350	2.5E-02 1.2E+00 2.4E-02 50	2.0E+00 1.4E-01 1.9E-02 990	1.8E-02 3.9E-02 1.0E-06 1
20:50----21:20	7.8E-01 7.8E-01 1.2E-01 1 352	2.2E-02 1.2E+00 2.3E-02 51	2.2E+00 1.4E-01 1.9E-02 990	1.7E-02 3.3E-02 1.0E-06 1
21:00----21:30	1.1E+00 8.5E-01 1.4E-01 1 11	2.1E-02 1.2E+00 2.2E-02 52	2.4E+00 1.5E-01 1.8E-02 990	1.6E-02 3.2E-02 1.0E-06 0
21:10----21:40	8.4E-01 7.7E-01 1.4E-01 1 356	2.0E-02 1.1E+00 2.2E-02 53	2.1E+00 1.3E-01 1.8E-02 990	1.5E-02 1.4E-02 1.0E-06 1
21:20----21:50	4.1E-01 7.2E-01 1.2E-01 0 349	2.0E-02 1.2E+00 2.1E-02 54	2.0E+00 1.1E-01 1.9E-02 990	1.3E-02 1.2E-02 1.0E-06 1
21:30----22:00	7.6E-03 6.5E-01 1.2E-01 0 346	1.9E-02 1.2E+00 2.1E-02 54	1.8E+00 1.1E-01 2.0E-02 990	1.2E-02 1.1E-02 1.0E-06 1
21:40----22:10	2.0E-03 6.4E-01 1.1E-01 0 342	1.9E-02 1.3E+00 2.1E-02 54	1.8E+00 9.9E-02 2.3E-02 990	1.3E-02 9.2E-03 1.0E-06 1
21:50----22:20	3.3E-02 6.7E-01 1.1E-01 0 335	1.8E-02 1.3E+00 2.0E-02 56	1.9E+00 1.0E-01 2.3E-02 990	1.3E-02 1.3E-02 1.0E-06 1
22:00----22:30	3.3E-02 6.1E-01 1.0E-01 0 326	1.8E-02 1.2E+00 2.0E-02 58	1.7E+00 1.0E-01 2.3E-02 990	1.4E-02 1.3E-02 1.0E-06 1

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
22:10----22:40	3.1E-02 5.6E-01 1.1E-01 0 328	1.8E-02 1.1E+00 1.9E-02 58	1.6E+00 1.0E-01 2.3E-02 990	1.5E-02 1.4E-02 1.0E-06 1
22:20----22:50	9.3E-06 4.9E-01 1.1E-01 -0 333	1.8E-02 1.1E+00 2.0E-02 59	1.5E+00 9.8E-02 2.4E-02 990	1.5E-02 8.5E-03 1.0E-06 1
22:30----23:00	9.3E-06 5.2E-01 1.1E-01 -0 335	1.8E-02 1.1E+00 2.0E-02 62	1.6E+00 9.9E-02 2.4E-02 989	1.5E-02 8.5E-03 1.0E-06 1
22:40----23:10	9.3E-06 5.3E-01 1.1E-01 -1 341	1.8E-02 1.1E+00 2.0E-02 65	1.6E+00 9.8E-02 2.3E-02 989	1.5E-02 8.6E-03 1.0E-06 1
22:50----23:20	3.1E-02 5.4E-01 1.1E-01 -1 342	1.8E-02 1.2E+00 2.0E-02 67	1.6E+00 1.1E-01 2.2E-02 990	1.5E-02 1.9E-02 1.0E-06 2
23:00----23:30	3.1E-02 5.2E-01 1.1E-01 -1 347	1.8E-02 1.2E+00 2.0E-02 68	1.6E+00 1.1E-01 2.2E-02 989	1.6E-02 1.9E-02 1.0E-06 2
23:10----23:40	3.1E-02 5.4E-01 1.1E-01 -1 343	1.8E-02 1.2E+00 2.1E-02 70	1.7E+00 1.1E-01 2.2E-02 989	1.6E-02 1.9E-02 1.0E-06 2
23:20----23:50	9.3E-06 5.3E-01 1.1E-01 -1 348	1.8E-02 1.2E+00 2.0E-02 72	1.6E+00 1.0E-01 2.2E-02 989	1.6E-02 8.6E-03 1.0E-06 2
23:30----00:00	9.3E-06 5.7E-01 1.1E-01 -1 348	1.8E-02 1.3E+00 2.0E-02 73	1.8E+00 1.0E-01 2.2E-02 989	1.5E-02 8.6E-03 1.0E-06 2
23:40----00:10	9.3E-06 5.9E-01 1.1E-01 -1 351	1.8E-02 1.3E+00 1.8E-02 73	1.8E+00 1.0E-01 2.1E-02 989	1.4E-02 8.4E-03 1.0E-06 2
23:50----00:20	9.3E-06 6.1E-01 1.1E-01 -1 346	1.8E-02 1.3E+00 1.8E-02 74	1.8E+00 1.0E-01 2.0E-02 989	1.4E-02 8.7E-03 1.0E-06 2

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
00:00----00:30	9.3E-06 5.6E-01 1.1E-01 -1 345	1.8E-02 1.2E+00 1.9E-02 73	1.7E+00 1.0E-01 2.0E-02 989	1.4E-02 8.6E-03 1.0E-06 2
00:10----00:40	9.3E-06 5.3E-01 1.1E-01 -1 348	1.8E-02 1.2E+00 2.0E-02 72	1.6E+00 9.7E-02 2.1E-02 989	1.4E-02 8.6E-03 1.0E-06 2
00:20----00:50	9.3E-06 5.1E-01 1.0E-01 -1 351	1.8E-02 1.1E+00 2.0E-02 70	1.6E+00 9.3E-02 2.2E-02 989	1.4E-02 8.3E-03 1.0E-06 2
00:30----01:00	9.3E-06 5.2E-01 1.0E-01 -1 354	1.7E-02 1.2E+00 2.9E-02 67	1.6E+00 9.1E-02 2.2E-02 989	1.5E-02 8.4E-03 1.0E-06 1
00:40----01:10	2.5E-02 5.9E-01 1.0E-01 -1 354	1.7E-02 1.2E+00 4.2E-02 68	1.7E+00 9.6E-02 2.1E-02 989	1.6E-02 8.7E-03 1.0E-06 1
00:50----01:20	9.7E-02 6.5E-01 1.1E-01 -1 0	1.8E-02 1.3E+00 5.3E-02 68	1.9E+00 9.8E-02 1.8E-02 989	1.8E-02 9.7E-03 1.0E-06 1
01:00----01:30	9.7E-02 6.8E-01 1.0E-01 -0 354	1.8E-02 1.3E+00 5.6E-02 71	1.9E+00 9.7E-02 1.7E-02 989	1.7E-02 9.8E-03 1.0E-06 2
01:10----01:40	7.2E-02 6.3E-01 9.9E-02 -0 347	1.8E-02 1.3E+00 5.4E-02 72	1.9E+00 9.2E-02 1.7E-02 989	1.7E-02 9.3E-03 1.0E-06 2
01:20----01:50	9.6E-06 5.5E-01 9.9E-02 0 340	1.8E-02 1.2E+00 5.3E-02 70	1.7E+00 9.1E-02 1.9E-02 989	1.7E-02 8.7E-03 1.0E-06 2
01:30----02:00	9.6E-06 5.1E-01 1.0E-01 0 344	1.7E-02 1.1E+00 5.3E-02 66	1.6E+00 9.2E-02 2.0E-02 989	1.7E-02 8.6E-03 1.0E-06 1
01:40----02:10	9.6E-06 4.9E-01 9.9E-02 0 359	1.6E-02 1.1E+00 5.4E-02 62	1.5E+00 9.1E-02 2.1E-02 989	1.7E-02 8.6E-03 1.0E-06 1

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLHR RAD WIND SPEED
01:50----02:20	9.6E-06 4.8E-01 9.5E-02 0 358	1.6E-02 1.1E+00 5.4E-02 61	1.5E+00 8.7E-02 2.2E-02 989	1.6E-02 8.2E-03 1.0E-06 2
02:00----02:30	9.6E-06 4.8E-01 9.2E-02 1 356	1.6E-02 1.1E+00 5.4E-02 60	1.5E+00 8.6E-02 2.1E-02 989	1.7E-02 8.8E-03 1.0E-06 2
02:10----02:40	9.6E-06 4.8E-01 9.4E-02 1 350	1.6E-02 1.1E+00 5.4E-02 60	1.5E+00 8.8E-02 2.0E-02 989	1.7E-02 9.3E-03 1.0E-06 1
02:20----02:50	9.6E-06 4.8E-01 9.9E-02 1 351	1.5E-02 1.1E+00 5.5E-02 61	1.5E+00 9.2E-02 2.0E-02 989	1.7E-02 9.5E-03 1.0E-06 1
02:30----03:00	9.6E-06 4.7E-01 1.0E-01 1 350	1.5E-02 1.1E+00 5.4E-02 62	1.5E+00 9.4E-02 2.1E-02 989	1.6E-02 8.4E-03 1.0E-06 1
02:40----03:10	9.6E-06 4.8E-01 1.1E-01 1 340	1.4E-02 1.1E+00 5.3E-02 61	1.5E+00 9.5E-02 2.1E-02 989	1.6E-02 7.9E-03 1.0E-06 2
02:50----03:20	9.6E-06 4.8E-01 1.1E-01 1 338	1.5E-02 1.1E+00 5.3E-02 61	1.5E+00 1.0E-01 2.2E-02 989	1.6E-02 1.1E-02 1.0E-06 2
03:00----03:30	1.6E-01 4.9E-01 1.1E-01 1 335	1.5E-02 1.1E+00 5.3E-02 62	1.5E+00 1.0E-01 2.2E-02 989	1.7E-02 1.2E-02 1.0E-06 3
03:10----03:40	1.6E-01 4.8E-01 1.0E-01 1 337	1.5E-02 1.1E+00 5.3E-02 65	1.5E+00 9.7E-02 2.2E-02 989	1.7E-02 1.2E-02 1.0E-06 3
03:20----03:50	1.6E-01 4.8E-01 9.8E-02 1 337	1.6E-02 1.1E+00 5.3E-02 69	1.5E+00 9.1E-02 2.2E-02 989	1.8E-02 8.6E-03 1.0E-06 3
03:30----04:00	9.8E-06 4.7E-01 9.9E-02 0 340	1.7E-02 1.1E+00 5.4E-02 73	1.5E+00 9.1E-02 2.2E-02 989	2.0E-02 8.8E-03 1.0E-06 3

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
03:40----04:10	7.4E-01 4.8E-01 1.1E-01 -0 344	1.7E-02 1.1E+00 5.4E-02 76 344	1.5E+00 9.7E-02 2.2E-02 989	2.2E-02 9.6E-03 1.0E-06 2
03:50----04:20	7.4E-01 4.8E-01 1.1E-01 -0 340	1.8E-02 1.1E+00 5.5E-02 78 340	1.5E+00 1.0E-01 2.2E-02 989	2.5E-02 9.4E-03 1.0E-06 2
04:00----04:30	7.4E-01 4.8E-01 1.2E-01 -0 339	1.7E-02 1.1E+00 5.6E-02 79 339	1.5E+00 1.1E-01 2.2E-02 989	2.6E-02 9.4E-03 1.0E-06 2
04:10----04:40	1.0E-05 4.6E-01 1.2E-01 -1 342	1.7E-02 1.1E+00 5.6E-02 81 342	1.5E+00 1.1E-01 2.2E-02 989	2.7E-02 8.8E-03 1.0E-06 2
04:20----04:50	1.0E-05 5.0E-01 1.2E-01 -1 348	1.7E-02 1.2E+00 5.6E-02 83 348	1.6E+00 1.1E-01 2.1E-02 989	2.7E-02 9.1E-03 1.0E-06 1
04:30----05:00	1.0E-05 5.4E-01 1.2E-01 -1 352	1.7E-02 1.2E+00 5.6E-02 86 352	1.7E+00 1.1E-01 1.8E-02 989	2.7E-02 1.0E-02 1.0E-06 1
04:40----05:10	1.0E-05 5.8E-01 1.2E-01 -1 355	1.7E-02 1.3E+00 5.5E-02 88 355	1.8E+00 1.1E-01 1.8E-02 989	2.7E-02 1.0E-02 1.0E-06 2
04:50----05:20	1.0E-05 5.9E-01 1.2E-01 -1 358	1.7E-02 1.3E+00 5.6E-02 88 358	1.8E+00 1.1E-01 1.8E-02 989	2.7E-02 9.9E-03 1.0E-06 2
05:00----05:30	1.0E-05 5.8E-01 1.1E-01 -1 2	1.7E-02 1.3E+00 5.7E-02 88 2	1.8E+00 1.0E-01 1.9E-02 989	2.7E-02 9.0E-03 1.0E-06 3
05:10----05:40	1.5E-02 6.0E-01 1.2E-01 -1 7	1.7E-02 1.2E+00 5.7E-02 87 7	1.8E+00 1.1E-01 1.7E-02 989	2.8E-02 1.4E-02 1.0E-06 3
05:20----05:50	1.5E-02 6.0E-01 1.3E-01 -1 6	1.7E-02 1.2E+00 5.6E-02 86 6	1.7E+00 1.3E-01 1.4E-02 989	2.8E-02 1.8E-02 1.0E-06 3

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
05:30----06:00	1.5E-02 6.0E-01 1.4E-01 -1 8	1.6E-02 1.1E+00 5.5E-02 86	1.7E+00 1.4E-01 1.2E-02 989	2.9E-02 2.0E-02 1.0E-06 2
05:40----06:10	1.0E-05 5.7E-01 1.5E-01 -1 6	1.6E-02 1.1E+00 5.4E-02 86	1.6E+00 1.4E-01 1.3E-02 989	2.9E-02 1.6E-02 1.0E-06 2
05:50----06:20	1.0E-05 5.5E-01 1.5E-01 -2 12	1.6E-02 1.1E+00 6.5E-02 86	1.6E+00 1.4E-01 1.6E-02 989	3.0E-02 1.3E-02 1.0E-06 2
06:00----06:30	1.0E-05 5.4E-01 1.5E-01 -2 15	1.7E-02 1.1E+00 6.6E-02 86	1.6E+00 1.4E-01 1.7E-02 989	3.0E-02 1.1E-02 1.0E-06 2
06:10----06:40	1.0E-05 5.3E-01 1.5E-01 -2 11	1.7E-02 1.1E+00 6.6E-02 87	1.6E+00 1.3E-01 1.7E-02 989	2.9E-02 1.0E-02 1.0E-06 3
06:20----06:50	1.0E-05 5.4E-01 1.5E-01 -2 8	1.8E-02 1.1E+00 5.5E-02 87	1.6E+00 1.3E-01 1.6E-02 989	2.9E-02 9.1E-03 1.0E-06 3
06:30----07:00	1.0E-05 5.8E-01 1.5E-01 -2 3	1.7E-02 1.1E+00 5.4E-02 87	1.7E+00 1.3E-01 1.4E-02 989	3.0E-02 1.0E-02 1.0E-06 3
06:40----07:10	1.0E-05 5.8E-01 1.5E-01 -2 7	1.7E-02 1.2E+00 5.3E-02 87	1.7E+00 1.3E-01 1.3E-02 989	3.0E-02 1.1E-02 1.0E-06 2
06:50----07:20	1.0E-05 5.6E-01 1.4E-01 -2 10	1.7E-02 1.1E+00 5.3E-02 87	1.6E+00 1.3E-01 1.4E-02 989	3.0E-02 1.1E-02 1.0E-06 3
07:00----07:30	1.0E-05 5.8E-01 1.4E-01 -2 4	1.6E-02 1.1E+00 5.4E-02 87	1.8E+00 1.2E-01 1.7E-02 990	3.0E-02 9.6E-03 1.0E-06 3
07:10----07:40	1.0E-05 6.2E-01 1.3E-01 -2 1	1.6E-02 1.1E+00 5.4E-02 88	1.8E+00 1.2E-01 1.6E-02 990	3.0E-02 9.9E-03 1.0E-06 3

TIME	CO THC-CH4 NO TEMP WIND DIRECTION	TRS CH4 HG HUMIDITY	THC NOX OZONE BAROMETER	SO2 NO2 SOLAR RAD WIND SPEED
07:20----07:50	5.0E-01 6.9E-01 1.3E-01 -2 358	1.6E-02 1.2E+00 5.3E-02 89	1.9E+00 1.2E-01 1.4E-02 990	3.0E-02 1.1E-02 1.0E-06 3
07:30----08:00	5.0E-01 6.3E-01 1.5E-01 -2 3	1.6E-02 1.2E+00 5.3E-02 90	1.7E+00 1.3E-01 1.4E-02 990	3.0E-02 1.1E-02 1.4E-05 2
07:40----08:10	5.1E-01 6.0E-01 1.7E-01 -2 7	1.5E-02 1.2E+00 5.2E-02 90	1.7E+00 1.5E-01 1.4E-02 990	2.9E-02 9.9E-03 1.1E-04 1
07:50----08:20	1.0E-02 5.5E-01 1.9E-01 -2 9	1.5E-02 1.1E+00 5.2E-02 90	1.6E+00 1.6E-01 1.5E-02 990	2.8E-02 9.6E-03 3.3E-04 1
08:00----08:30	1.0E-02 5.7E-01 2.1E-01 -2 9	1.5E-02 1.1E+00 5.3E-02 90	1.6E+00 1.8E-01 1.5E-02 990	2.8E-02 1.0E-02 9.3E-04 1
08:10----08:40	1.2E-05 5.7E-01 2.1E-01 -2 12	1.5E-02 1.1E+00 5.3E-02 91	1.6E+00 1.8E-01 1.3E-02 990	2.8E-02 1.2E-02 3.2E-03 2
08:20----08:50	1.2E-05 5.6E-01 2.0E-01 -2 15	1.4E-02 1.1E+00 5.4E-02 91	1.6E+00 1.8E-01 1.3E-02 990	2.8E-02 1.2E-02 4.7E-03 3
08:30----09:00	1.2E-05 5.5E-01 1.9E-01 -2 16	1.3E-02 1.1E+00 5.5E-02 90	1.6E+00 1.7E-01 1.3E-02 990	2.8E-02 1.2E-02 4.9E-03 3
08:40----09:10	1.2E-05 5.4E-01 1.8E-01 -2 20	1.2E-02 1.1E+00 5.6E-02 89	1.6E+00 1.6E-01 1.5E-02 990	2.8E-02 1.0E-02 6.9E-03 4
08:50----09:20	1.2E-03 5.3E-01 1.6E-01 -2 20	9.6E-03 1.1E+00 5.6E-02 89	1.6E+00 1.4E-01 1.6E-02 990	2.5E-02 9.1E-03 1.1E-02 4

## STATISTICS

NUMBER OF READINGS 442

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	1.32E+01	1.73E-01	1.00E+00	7.64E-06	1.13E+02
TRS	7.05E-04	3.56E-02	1.77E-02	4.02E-03	1.71E-02	1.35E+00
THC	1.43E+00	5.52E+00	1.66E+00	3.96E-01	1.64E+00	1.16E+00
SO2	3.69E-03	3.14E-02	2.04E-02	6.46E-03	1.93E-02	1.40E+00
THC-CH4	4.49E-01	3.43E+00	5.65E-01	1.93E-01	5.50E-01	1.21E+00
CH4	1.08E+00	1.63E+00	1.16E+00	8.78E-02	1.16E+00	1.07E+00
NOX	8.55E-03	3.29E-01	1.07E-01	3.85E-02	9.92E-02	1.54E+00
NO2	1.00E-06	1.61E-01	1.19E-02	1.50E-02	7.99E-03	4.57E+00
NO	3.49E-03	2.85E-01	1.14E-01	4.02E-02	1.03E-01	1.71E+00
HG	1.49E-02	2.23E-01	4.13E-02	1.83E-02	3.73E-02	1.60E+00
OZONE	6.02E-03	2.74E-02	1.95E-02	4.23E-03	1.89E-02	1.29E+00
SOLAR RAD	1.00E-06	2.12E-02	6.76E-04	2.97E-03	2.82E-06	1.37E+01
TEMP	-3	4	-0	2		
HUMIDITY	36	92	69	16	67	1
BAROMETER	988	990	989	0	989	1
WIND SPEED	0	12	2	2	1	57

## TERRACE BAY #21

DATE: OCT 16 1977  
 SCAN TIME: 30 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: HWY #17, W. OF T.B., (49080-54035) 12.0 KM & 220 DEG ✓ SOURCE

TIME	CO THC-CH4	TRS CH4	THC NOX	SO2 NO2
	NO	HG	OZONE	SOLAR RAD
	TEMP	HUMIDITY	BAROMETER	WIND SPEED
	WIND DIRECTION			
10:49----11:19	1.7E-01 5.0E-01 1.1E-01 5 101	1.8E-02 1.1E+00 1.0E-06 52	1.5E+00 9.4E-02 9.0E-04 989	5.0E-03 1.1E-02 2.3E-02 3
11:04----11:34	5.7E-02 4.8E-01 6.3E-02 6 111	1.4E-02 1.1E+00 2.2E-05 49	1.5E+00 6.2E-02 1.7E-03 989	5.3E-03 1.1E-02 4.0E-02 3
11:19----11:49	1.4E-01 4.7E-01 4.2E-02 6 112	1.1E-02 1.1E+00 1.1E-04 48	1.5E+00 4.5E-02 2.9E-03 989	5.7E-03 9.7E-03 4.6E-02 4
11:34----12:04	2.0E-01 4.6E-01 1.3E-02 6 129	1.1E-02 1.1E+00 7.8E-04 46	1.5E+00 2.0E-02 4.7E-03 989	5.8E-03 6.9E-03 4.9E-02 5
11:49----12:19	1.1E-01 4.6E-01 7.8E-03 8 141	1.1E-02 1.1E+00 1.3E-03 41	1.4E+00 1.4E-02 6.9E-03 989	5.7E-03 5.7E-03 5.1E-02 5
12:04----12:34	5.9E-02 4.5E-01 7.2E-03 8 133	1.2E-02 1.1E+00 5.9E-04 40	1.4E+00 1.3E-02 9.0E-03 989	5.8E-03 5.1E-03 5.2E-02 6
12:19----12:49	1.4E-01 4.4E-01 7.1E-03 8 138	1.2E-02 1.1E+00 1.0E-06 41	1.4E+00 1.2E-02 1.1E-02 989	5.9E-03 4.6E-03 5.4E-02 7
12:34----13:04	2.6E-01 4.5E-01 1.1E-02 8 140	1.1E-02 1.1E+00 1.0E-06 42	1.4E+00 1.6E-02 1.2E-02 989	6.3E-03 6.0E-03 5.6E-02 7

## STATISTICS

NUMBER OF READINGS 297

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	5.34E+00	1.55E-01	3.61E-01	1.14E-03	3.87E+02
TRS	6.68E-03	2.62E-02	1.26E-02	3.25E-03	1.22E-02	1.26E+00
THC	1.39E+00	1.99E+00	1.45E+00	7.09E-02	1.45E+00	1.05E+00
SO2	4.43E-03	7.62E-03	5.79E-03	5.79E-04	5.76E-03	1.11E+00
THC-CH4	4.36E-01	7.43E-01	4.65E-01	3.79E-02	4.64E-01	1.07E+00
CH4	1.08E+00	1.15E+00	1.11E+00	1.64E-02	1.11E+00	1.01E+00
NOX	6.85E-03	1.71E-01	3.70E-02	3.92E-02	2.41E-02	2.41E+00
NO2	1.00E-06	2.62E-02	7.51E-03	4.99E-03	5.44E-03	3.89E+00
NO	3.45E-03	2.25E-01	3.57E-02	4.92E-02	1.67E-02	3.27E+00
HG	1.00E-06	1.05E-02	2.82E-04	1.02E-03	2.75E-06	1.23E+01
OZONE	3.45E-04	1.39E-02	6.78E-03	4.57E-03	4.57E-03	2.84E+00
SOLAR RAD	4.89E-03	5.81E-02	4.60E-02	1.41E-02	4.12E-02	1.82E+00
TEMP	-1	10	7	2		
HUMIDITY	33	61	45	5	44	1
BAROMETER	988	989	989	0	989	1
WIND SPEED	0	23	5	3	2	20

## TERRACE BAY #22

DATE: OCT 16 1977  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: CROSSING #1, (49385-54066); 2.5 KM & 40 DEG / SOURCE

TIME	CO THC-CH4	TRS CH4 NO OZONE HUMIDITY	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
		BAROMETER		
23:24----23:54	1.0E-06 7.6E-01 5.9E-02 77	1.2E-02 1.1E+00 7.0E-03 981	1.8E+00 6.3E-02 1.0E-06 5	1.8E-03 1.1E-02 5 206
23:39----00:09	1.0E-06 8.5E-01 1.0E-01 78	8.9E-03 1.1E+00 1.0E-02 981	2.0E+00 1.0E-01 1.0E-06 5	7.0E-04 1.2E-02 5 207
23:54----00:24	1.0E-06 8.5E-01 1.4E-01 79	6.8E-03 1.1E+00 1.2E-02 981	1.9E+00 1.4E-01 1.0E-06 6	2.0E-04 1.2E-02 5 203
00:09----00:39	1.0E-06 8.5E-01 1.6E-01 79	5.9E-03 1.1E+00 1.4E-02 981	2.0E+00 1.6E-01 1.0E-06 6	4.0E-05 1.2E-02 5 207
00:24----00:54	1.0E-06 7.9E-01 1.7E-01 80	5.8E-03 1.1E+00 1.5E-02 981	1.9E+00 1.6E-01 1.0E-06 8	1.0E-06 1.2E-02 5 206
00:39----01:09	1.0E-06 8.8E-01 1.6E-01 80	6.7E-03 1.1E+00 1.5E-02 981	2.0E+00 1.6E-01 1.0E-06 9	1.0E-06 1.2E-02 5 207
00:54----01:24	1.0E-06 9.5E-01 1.5E-01 81	1.1E-02 1.1E+00 1.6E-02 980	2.1E+00 1.4E-01 1.0E-06 8	1.0E-06 1.1E-02 5 207
01:09----01:39	1.0E-06 9.9E-01 1.4E-01 81	1.2E-02 1.1E+00 1.6E-02 980	2.1E+00 1.4E-01 1.0E-06 8	1.0E-06 1.1E-02 5 205
01:24----01:54	1.0E-06 9.7E-01 1.5E-01 81	9.1E-03 1.1E+00 1.6E-02 980	2.1E+00 1.5E-01 1.0E-06 9	1.0E-06 1.2E-02 5 205
01:39----02:09	1.0E-06 7.8E-01 1.5E-01 81	7.8E-03 1.1E+00 1.7E-02 980	1.9E+00 1.5E-01 1.0E-06 11	1.0E-06 1.2E-02 5 204
01:54----02:24	1.0E-06 7.6E-01 1.3E-01 81	9.4E-03 1.1E+00 1.7E-02 980	1.8E+00 1.3E-01 1.0E-06 12	1.0E-06 1.1E-02 5 206
02:09----02:39	1.0E-06 8.0E-01 1.1E-01 82	9.3E-03 1.1E+00 1.7E-02 979	1.9E+00 1.1E-01 1.0E-06 13	1.0E-06 1.1E-02 5 209

TIME	CO THC-CH4 NO HUMIDITY	TRS CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
02:24----02:54	1.0E-06 7.8E-01 9.1E-02 82	8.6E-03 1.1E+00 1.7E-02 979	1.9E+00 9.4E-02 1.0E-06 13	1.0E-06 1.0E-02 5 212
02:39----03:09	1.0E-06 7.6E-01 8.3E-02 82	1.2E-02 1.1E+00 1.7E-02 979	1.9E+00 8.5E-02 1.0E-06 13	1.0E-06 1.0E-02 5 210
02:54----03:24	1.0E-06 7.1E-01 7.6E-02 82	1.5E-02 1.1E+00 1.7E-02 979	1.8E+00 7.9E-02 1.0E-06 14	1.0E-06 1.0E-02 5 206
03:09----03:39	1.0E-06 7.6E-01 7.6E-02 82	1.9E-02 1.1E+00 1.7E-02 978	1.9E+00 8.0E-02 1.0E-06 14	1.0E-06 1.0E-02 5 203
03:24----03:54	1.0E-06 7.3E-01 7.7E-02 82	2.1E-02 1.1E+00 1.7E-02 978	1.8E+00 8.0E-02 1.0E-06 13	5.3E-04 9.9E-03 5 206
03:39----04:09	1.0E-06 6.5E-01 7.4E-02 83	2.0E-02 1.1E+00 1.8E-02 978	1.7E+00 7.8E-02 1.0E-06 15	5.3E-04 1.0E-02 5 203
03:54----04:24	1.0E-06 6.3E-01 7.0E-02 83	1.8E-02 1.1E+00 1.8E-02 978	1.7E+00 7.4E-02 1.0E-06 15	1.0E-06 9.9E-03 5 199
04:09----04:39	1.0E-06 7.6E-01 6.7E-02 84	1.7E-02 1.1E+00 1.8E-02 977	1.8E+00 7.1E-02 1.0E-06 13	3.2E-04 9.8E-03 5 204
04:24----04:54	1.0E-06 7.9E-01 7.1E-02 84	1.6E-02 1.1E+00 1.7E-02 977	1.9E+00 7.5E-02 1.0E-06 13	3.2E-04 1.0E-02 5 203
04:39----05:09	1.0E-06 6.7E-01 8.7E-02 85	1.0E-02 1.1E+00 1.7E-02 977	1.7E+00 9.0E-02 1.0E-06 12	1.0E-06 1.1E-02 5 199
04:54----05:24	1.0E-06 6.2E-01 1.1E-01 86	5.6E-03 1.1E+00 1.7E-02 976	1.7E+00 1.1E-01 1.0E-06 9	1.0E-06 1.2E-02 5 199
05:09----05:39	1.0E-06 6.3E-01 1.3E-01 87	3.8E-03 1.1E+00 1.7E-02 976	1.7E+00 1.3E-01 1.0E-06 8	1.0E-06 1.3E-02 6 195
05:24----05:54	1.0E-06 6.5E-01 1.4E-01 87	4.0E-03 1.1E+00 1.7E-02 976	1.7E+00 1.4E-01 1.0E-06 9	1.0E-06 1.2E-02 6 196

TIME	CO	TRS	THC	S02
	THC-CH4	CH4	NOX	NO2
NO	OZONE	SOLAR RAD	TEMP	
HUMIDITY	BAROMETER	WIND SPEED	WIND DIRECTI	
05:39----06:09	1.0E-06 6.7E-01 1.4E-01 87	2.4E-03 1.1E+00 1.7E-02 976	1.7E+00 1.4E-01 1.0E-06 9	1.0E-06 1.2E-02 6 202
05:54----06:24	1.0E-06 7.8E-01 1.4E-01 88	2.2E-03 1.1E+00 1.6E-02 975	1.9E+00 1.4E-01 1.0E-06 10	1.0E-06 1.3E-02 6 200
06:09----06:39	1.0E-06 8.0E-01 1.5E-01 89	4.7E-03 1.1E+00 1.6E-02 975	1.9E+00 1.5E-01 1.0E-06 10	5.5E-04 1.2E-02 6 204
06:24----06:54	1.0E-06 7.0E-01 1.3E-01 89	7.1E-03 1.1E+00 1.6E-02 975	1.8E+00 1.3E-01 1.0E-06 10	5.5E-04 1.1E-02 6 208
06:39----07:09	1.0E-06 6.5E-01 1.2E-01 89	7.9E-03 1.1E+00 1.7E-02 975	1.7E+00 1.2E-01 1.0E-06 10	1.0E-06 1.1E-02 6 206
06:54----07:24	1.0E-06 6.6E-01 1.3E-01 90	1.1E-02 1.1E+00 1.6E-02 974	1.7E+00 1.3E-01 1.0E-06 10	1.0E-06 1.2E-02 6 208
07:09----07:39	1.0E-06 6.5E-01 1.3E-01 91	8.9E-03 1.1E+00 1.6E-02 974	1.7E+00 1.3E-01 1.0E-06 9	1.0E-06 1.2E-02 6 207
07:24----07:54	1.0E-06 6.6E-01 1.4E-01 92	5.5E-03 1.1E+00 1.6E-02 974	1.7E+00 1.4E-01 1.0E-06 8	1.0E-06 1.2E-02 6 201
07:39----08:09	1.0E-06 6.9E-01 1.6E-01 93	5.8E-03 1.1E+00 1.5E-02 973	1.7E+00 1.6E-01 3.1E-06 7	1.0E-06 1.3E-02 6 195
07:54----08:24	1.0E-06 6.7E-01 1.8E-01 93	4.4E-03 1.1E+00 1.5E-02 973	1.7E+00 1.7E-01 1.1E-04 6	1.0E-06 1.4E-02 6 191
08:09----08:39	1.0E-06 6.6E-01 2.0E-01 95	4.8E-03 1.1E+00 1.4E-02 973	1.7E+00 2.0E-01 3.9E-04 5	1.0E-06 1.4E-02 6 189
08:24----08:54	1.0E-06 6.7E-01 2.3E-01 95	5.9E-03 1.1E+00 1.4E-02 973	1.7E+00 2.2E-01 1.4E-03 6	1.0E-06 1.5E-02 6 195
08:39----09:09	1.0E-06 7.0E-01 2.3E-01 94	7.3E-03 1.1E+00 1.4E-02 972	1.7E+00 2.3E-01 2.6E-03 8	1.5E-04 1.5E-02 6 189

TIME	CO THC-CH4 NO HUMIDITY	TRS CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
08:54----09:24	1.0E-06 6.8E-01 2.1E-01 93	7.3E-03 1.1E+00 1.4E-02 972	1.7E+00 2.1E-01 3.4E-03 8	1.5E-04 1.3E-02 6 187

## STATISTICS

NUMBER OF READINGS 606

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	1.00E-06	1.00E-06	0.00E+00	1.00E-06	1.00E+00
TRS	1.00E-06	3.53E-02	9.18E-03	5.75E-03	7.26E-03	2.39E+00
THC	1.43E+00	3.55E+00	1.81E+00	3.08E-01	1.78E+00	1.16E+00
SO2	1.00E-06	1.66E-02	1.77E-04	1.11E-03	1.79E-06	7.04E+00
THC-CH4	4.92E-01	2.15E+00	7.40E-01	2.30E-01	7.14E-01	1.29E+00
CH4	1.03E+00	1.26E+00	1.10E+00	3.64E-02	1.10E+00	1.03E+00
NOX	1.64E-02	2.39E-01	1.30E-01	4.42E-02	1.22E-01	1.46E+00
NO2	1.22E-03	2.20E-02	1.17E-02	2.33E-03	1.15E-02	1.24E+00
NO	1.39E-02	2.46E-01	1.30E-01	4.74E-02	1.21E-01	1.51E+00
OZONE	3.44E-03	1.91E-02	1.55E-02	2.53E-03	1.52E-02	1.25E+00
SOLAR RAD	1.00E-06	4.35E-03	2.80E-04	8.83E-04	2.63E-06	1.20E+01
TEMP	5	7	5	0		
HUMIDITY	75	96	85	5	85	1
BAROMETER	972	982	977	3	977	1
WIND SPEED	0	27	10	5	8	2

## TERRACE BAY #23

DATE: OCT 17 1977  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: MILL RD. (WEST), (49050-54067) 2.3 KM & 315 DEG ✓ SOURCE

TIME	CO THC-CH4 NO HUMIDITY	TRS CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
13:04----13:34	9.3E-01 7.1E-01 1.0E-01 75	9.7E-03 1.1E+00 2.7E-02 968	2.2E+00 9.1E-02 2.3E-02 8	5.3E-03 1.4E-02 10 323
13:19----13:49	1.3E+00 7.2E-01 1.1E-01 73	1.2E-02 1.1E+00 2.7E-02 967	2.0E+00 1.1E-01 2.5E-02 7	6.4E-03 1.8E-02 10 323
13:34----14:04	1.2E+00 5.8E-01 1.1E-01 72	1.9E-02 1.1E+00 2.7E-02 967	1.6E+00 1.1E-01 2.3E-02 9	8.9E-03 1.8E-02 11 324
13:49----14:19	1.1E+00 5.6E-01 1.2E-01 71	1.6E-02 1.1E+00 2.7E-02 967	1.8E+00 1.1E-01 2.3E-02 9	1.0E-02 1.5E-02 11 323
14:04----14:34	1.2E+00 7.3E-01 1.4E-01 70	9.1E-03 1.1E+00 2.8E-02 967	1.9E+00 1.4E-01 3.0E-02 6	8.4E-03 2.2E-02 11 325
14:19----14:49	1.0E+00 7.4E-01 1.6E-01 70	1.7E-03 1.1E+00 2.8E-02 967	1.8E+00 1.6E-01 3.0E-02 5	5.3E-03 2.4E-02 11 334
14:34----15:04	7.5E-01 8.1E-01 1.8E-01 71	3.0E-05 1.1E+00 2.8E-02 966	1.8E+00 1.5E-01 2.6E-02 5	4.2E-03 1.3E-02 11 331
14:49----15:19	6.8E-01 8.4E-01 1.7E-01 73	1.1E-06 1.1E+00 2.9E-02 966	1.7E+00 1.5E-01 2.1E-02 5	3.7E-03 1.4E-02 11 324
15:04----15:34	7.8E-01 6.3E-01 1.6E-01 74	1.1E-06 1.1E+00 2.9E-02 966	1.5E+00 1.5E-01 1.8E-02 5	3.4E-03 1.8E-02 10 336

## STATISTICS

NUMBER OF READINGS 161

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	7.71E+00	9.35E-01	7.73E-01	6.89E-01	3.75E+00
TRS	1.00E-06	4.65E-02	6.99E-03	9.68E-03	1.75E-04	8.66E+01
THC	1.37E+00	8.50E+00	1.82E+00	1.12E+00	1.68E+00	1.40E+00
SO2	2.95E-03	1.41E-02	5.90E-03	2.79E-03	5.35E-03	1.54E+00
THC-CH4	4.13E-01	6.14E+00	7.02E-01	6.67E-01	5.89E-01	1.63E+00
CH4	1.07E+00	1.48E+00	1.12E+00	5.54E-02	1.11E+00	1.05E+00
NOX	3.34E-02	3.17E-01	1.32E-01	4.53E-02	1.25E-01	1.41E+00
NO2	1.00E-06	1.26E-01	1.79E-02	2.21E-02	3.68E-03	3.17E+01
NO	2.23E-02	6.38E-01	1.45E-01	6.02E-02	1.35E-01	1.49E+00
OZONE	1.21E-02	3.25E-02	2.76E-02	3.27E-03	2.74E-02	1.14E+00
SOLAR RAD	1.23E-02	5.77E-02	2.41E-02	8.00E-03	2.30E-02	1.34E+00
TEMP	10	11	10	0		
HUMIDITY	68	77	73	2	72	1
BAROMETER	966	968	967	1	967	1
WIND SPEED	0	26	8	6	4	11

## TERRACE BAY #25

DATE: OCT 17 1977  
 SCAN TIME: 90 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: MILL RD. (EAST), (49260-54058); 1.2 KM & 30 DEG / SOURCE

TIME	CO CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
16:11----16:41	1.1E+00 1.2E+00 2.8E-02 966	1.6E+00 4.8E-02 2.2E-02 22	8.4E-03 1.2E-02 9 193	5.1E-01 4.6E-02 79
16:26----16:56	5.6E-01 1.2E+00 2.9E-02 966	1.6E+00 4.8E-02 1.6E-02 20	8.2E-03 1.4E-02 9 192	4.8E-01 3.7E-02 80
16:41----17:11	3.4E-01 1.2E+00 3.0E-02 966	1.5E+00 5.1E-02 1.2E-02 18	7.6E-03 1.2E-02 9 189	4.6E-01 4.0E-02 82
16:56----17:26	2.5E-01 1.1E+00 3.0E-02 966	1.5E+00 3.4E-02 1.1E-02 16	6.7E-03 9.4E-03 9 185	4.4E-01 2.8E-02 82
17:11----17:41	3.5E-02 1.1E+00 3.2E-02 966	1.4E+00 3.1E-02 1.1E-02 14	5.5E-03 1.0E-02 9 180	4.2E-01 2.5E-02 81
17:26----17:56	6.0E-06 1.1E+00 3.1E-02 966	1.4E+00 3.9E-02 7.6E-03 12	4.7E-03 1.4E-02 9 182	4.2E-01 2.6E-02 80
17:41----18:11	6.0E-06 1.1E+00 3.0E-02 966	1.4E+00 5.6E-02 3.2E-03 8	4.2E-03 1.7E-02 9 176	4.3E-01 5.0E-02 82
17:56----18:26	6.0E-06 1.1E+00 3.0E-02 966	1.4E+00 9.0E-02 1.6E-03 5	4.0E-03 1.7E-02 9 163	4.3E-01 9.4E-02 85
18:11----18:41	6.0E-06 1.1E+00 3.0E-02 966	1.4E+00 1.4E-01 8.1E-04 5	3.7E-03 1.7E-02 9 166	5.0E-01 1.5E-01 86
18:26----18:56	6.0E-06 1.1E+00 2.9E-02 966	1.4E+00 1.9E-01 4.6E-04 4	3.4E-03 1.2E-02 9 171	5.6E-01 2.2E-01 87
18:41----19:11	6.0E-06 1.1E+00 2.9E-02 966	1.4E+00 2.6E-01 1.4E-04 3	3.2E-03 3.1E-02 9 170	5.1E-01 2.8E-01 89
18:56----19:26	6.0E-06 1.1E+00 2.9E-02 966	1.5E+00 2.8E-01 1.3E-05 2	3.1E-03 3.3E-02 9 158	4.8E-01 3.2E-01 89

TIME	CO CH4 OZONE BAROMETER	THC NOX SOLAR RAD	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
19:11----19:41	6.0E-06 1.1E+00 2.8E-02 966	1.6E+00 2.6E-01 1.1E-06 2	2.8E-03 1.4E-02 9 159	5.9E-01 3.2E-01 90
19:26----19:56	6.0E-06 1.1E+00 2.8E-02 966	1.9E+00 3.1E-01 1.1E-06 2	2.8E-03 1.6E-02 9 166	7.8E-01 3.8E-01 89
19:41----20:11	6.0E-06 1.1E+00 2.8E-02 966	2.0E+00 3.5E-01 1.1E-06 2	2.8E-03 1.7E-02 9 162	8.0E-01 4.4E-01 89
19:56----20:26	6.0E-06 1.1E+00 2.8E-02 966	1.9E+00 3.6E-01 1.1E-06 2	2.5E-03 1.6E-02 9 158	6.9E-01 4.3E-01 89
20:11----20:41	6.0E-06 1.1E+00 2.9E-02 966	1.6E+00 3.5E-01 1.1E-06 2	2.1E-03 2.2E-02 9 140	5.4E-01 4.1E-01 90

## STATISTICS

NUMBER OF READINGS 189

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	3.25E+00	1.51E-01	4.71E-01	8.53E-06	1.33E+02
THC	1.36E+00	6.62E+00	1.54E+00	5.92E-01	1.49E+00	1.24E+00
SO2	1.71E-03	1.08E-02	4.38E-03	2.18E-03	3.90E-03	1.61E+00
THC-CH4	4.09E-01	3.47E+00	5.26E-01	3.47E-01	4.85E-01	1.38E+00
CH4	1.06E+00	1.60E+00	1.10E+00	8.75E-02	1.10E+00	1.07E+00
NOX	1.80E-02	5.88E-01	1.85E-01	1.44E-01	1.22E-01	2.74E+00
NO2	1.00E-06	2.72E-01	1.77E-02	2.56E-02	6.16E-03	1.67E+01
NO	1.07E-02	6.64E-01	2.11E-01	1.77E-01	1.21E-01	3.32E+00
OZONE	9.46E-03	3.29E-02	2.93E-02	3.04E-03	2.91E-02	1.14E+00
SOLAR RAD	1.00E-06	3.57E-02	5.23E-03	7.72E-03	1.48E-04	6.59E+01
TEMP	9	10	9	0		
HUMIDITY	76	91	85	4	85	1
BAROMETER	966	966	966	0	966	1
WIND SPEED	0	36	8	8	2	56

## TERRACE BAY #26

DATE: OCT 17 1977  
 SCAN TIME: 90 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: LOGGING RD. (WEST), (49070-54062); 2.1 KM S 225 DEG X SOURCE

TIME	CO THC-CH4	TRS CH4	THC NOX	SO2 NO2
	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED	TEMP WIND DIRECTION
21:34----22:04	3.8E-01 6.0E-01 2.6E-01 86	3.6E-03 1.1E+00 2.1E-02 967	1.6E+00 2.0E-01 1.0E-06 0	1.0E-03 1.5E-02 9 125
21:49----22:19	5.8E-01 4.9E-01 3.2E-01 89	1.0E-06 1.1E+00 2.1E-02 967	1.5E+00 2.6E-01 1.0E-06 0	9.6E-04 1.9E-02 9 288
22:04----22:34	7.3E-01 5.3E-01 4.2E-01 91	1.0E-06 1.1E+00 1.8E-02 967	1.5E+00 3.4E-01 1.0E-06 0	1.1E-03 2.0E-02 9 77
22:19----22:49	6.4E-01 5.2E-01 5.3E-01 92	1.0E-06 1.1E+00 1.5E-02 967	1.5E+00 4.3E-01 1.0E-06 0	1.1E-03 2.4E-02 9 78
22:34----23:04	5.2E-01 6.9E-01 6.0E-01 94	1.0E-06 1.1E+00 1.4E-02 967	1.6E+00 4.9E-01 1.0E-06 0	1.1E-03 2.6E-02 9 253
22:49----23:19	4.5E-01 7.0E-01 6.1E-01 98	1.0E-06 1.1E+00 1.5E-02 967	1.6E+00 5.0E-01 1.0E-06 0	9.5E-04 2.6E-02 9 258
23:04----23:34	5.6E-01 4.9E-01 5.6E-01 102	1.0E-06 1.1E+00 1.3E-02 967	1.5E+00 4.8E-01 1.0E-06 0	4.4E-04 2.3E-02 8 256
23:19----23:49	5.9E-01 5.0E-01 5.2E-01 104	1.0E-06 1.1E+00 1.1E-02 967	1.5E+00 4.4E-01 1.0E-06 0	1.7E-04 2.1E-02 8 255
23:34----00:04	4.7E-01 4.9E-01 4.9E-01 105	1.0E-06 1.1E+00 1.0E-02 967	1.4E+00 4.2E-01 1.0E-06 0	2.0E-05 2.3E-02 8 247
23:49----00:19	4.6E-01 4.8E-01 5.0E-01 106	1.0E-06 1.1E+00 1.0E-02 967	1.4E+00 4.2E-01 1.0E-06 0	1.0E-05 2.4E-02 8 341
00:04----00:34	5.6E-01 4.7E-01 5.2E-01 108	1.0E-06 1.1E+00 1.1E-02 967	1.4E+00 4.4E-01 1.0E-06 1	2.8E-05 2.7E-02 8 26
00:19----00:49	4.3E-01 4.7E-01 5.1E-01 108	1.0E-06 1.1E+00 1.4E-02 967	1.4E+00 4.4E-01 1.0E-06 1	1.9E-05 2.6E-02 8 38

TIME	CO THC-CH4 NO HUMIDITY	TRS CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
00:34----01:04	2.6E-01 4.7E-01 4.8E-01 109	1.0E-06 1.1E+00 1.7E-02 967	1.4E+00 4.1E-01 1.0E-06 1	8.4E-05 2.4E-02 8 44
00:49----01:19	5.6E-01 5.0E-01 5.4E-01 110	1.0E-06 1.1E+00 1.9E-02 967	1.5E+00 4.6E-01 1.0E-06 0	4.9E-04 4.5E-02 8 38
01:04----01:34	7.5E-01 7.9E-01 6.8E-01 110	1.0E-06 1.1E+00 1.8E-02 967	1.8E+00 5.7E-01 1.0E-06 0	9.1E-04 4.9E-02 8 17
01:19----01:49	6.2E-01 7.7E-01 7.1E-01 110	1.0E-06 1.1E+00 2.0E-02 967	1.7E+00 5.9E-01 1.0E-06 1	7.9E-04 3.6E-02 8 41
01:34----02:04	6.4E-01 8.2E-01 6.3E-01 110	1.0E-06 1.1E+00 2.1E-02 967	2.1E+00 5.5E-01 1.0E-06 1	5.3E-04 4.4E-02 8 50
01:49----02:19	5.6E-01 8.2E-01 5.3E-01 111	1.0E-06 1.1E+00 2.0E-02 967	2.2E+00 4.8E-01 1.0E-06 1	3.9E-04 4.3E-02 8 42
02:04----02:34	6.1E-01 6.6E-01 5.3E-01 112	1.0E-06 1.1E+00 1.9E-02 967	1.9E+00 4.6E-01 1.0E-06 1	6.4E-04 3.8E-02 8 31
02:19----02:49	5.4E-01 6.6E-01 5.3E-01 112	1.0E-06 1.1E+00 1.9E-02 967	1.8E+00 4.5E-01 1.0E-06 1	5.9E-04 3.0E-02 7 20
02:34----03:04	2.2E-01 4.7E-01 4.8E-01 112	1.0E-06 1.1E+00 2.1E-02 967	1.5E+00 4.1E-01 1.0E-06 2	1.3E-04 2.0E-02 7 30
02:49----03:19	2.6E-01 4.5E-01 4.3E-01 113	1.0E-06 1.1E+00 2.1E-02 967	1.4E+00 3.7E-01 1.0E-06 1	7.2E-05 3.4E-02 7 33
03:04----03:34	3.5E-01 4.7E-01 4.4E-01 113	1.0E-06 1.1E+00 2.0E-02 968	1.4E+00 3.9E-01 1.0E-06 1	7.5E-05 3.7E-02 7 32
03:19----03:49	3.0E-01 4.8E-01 4.6E-01 114	1.0E-06 1.1E+00 2.0E-02 968	1.5E+00 4.0E-01 1.0E-06 2	3.6E-05 2.7E-02 6 16
03:34----04:04	2.1E-01 5.3E-01 4.2E-01 115	1.0E-06 1.1E+00 2.1E-02 968	1.5E+00 3.7E-01 1.0E-06 2	1.0E-06 2.1E-02 6 13

TIME	CO THC-CH4 NO HUMIDITY	TRS CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
03:49----04:19	2.6E-01 6.3E-01 4.1E-01 115	1.0E-06 1.1E+00 2.0E-02 968	1.7E+00 3.5E-01 1.0E-06 1	3.6E-05 2.2E-02 6 15
04:04----04:34	3.2E-01 8.8E-01 4.8E-01 116	1.0E-06 1.1E+00 1.9E-02 968	2.0E+00 4.3E-01 1.0E-06 1	1.7E-04 3.6E-02 6 15
04:19----04:49	2.4E-01 9.1E-01 5.8E-01 116	1.0E-06 1.1E+00 1.9E-02 968	1.9E+00 5.2E-01 1.0E-06 0	3.2E-04 3.8E-02 6 34
04:34----05:04	2.0E-01 6.4E-01 6.4E-01 115	1.0E-06 1.1E+00 1.9E-02 968	1.7E+00 5.3E-01 1.0E-06 0	3.2E-04 3.8E-02 6 31
04:49----05:19	2.8E-01 1.0E+00 7.1E-01 115	1.0E-06 1.1E+00 1.7E-02 968	2.1E+00 5.8E-01 1.0E-06 1	3.3E-04 4.6E-02 7 19
05:04----05:34	5.7E-01 1.9E+00 8.0E-01 114	1.0E-06 1.2E+00 1.4E-02 968	2.8E+00 6.4E-01 1.0E-06 1	1.0E-03 4.5E-02 7 23
05:19----05:49	5.6E-01 1.5E+00 8.2E-01 114	1.0E-06 1.2E+00 1.6E-02 968	2.4E+00 6.4E-01 1.0E-06 1	1.0E-03 4.1E-02 7 33
05:34----06:04	3.2E-01 7.9E-01 8.0E-01 113	1.0E-06 1.1E+00 1.7E-02 968	2.0E+00 6.4E-01 1.0E-06 1	4.3E-04 4.9E-02 6 3
05:49----06:19	2.1E-01 7.4E-01 7.5E-01 113	1.0E-06 1.1E+00 1.8E-02 968	1.9E+00 6.3E-01 1.0E-06 2	1.9E-04 4.9E-02 6 358
06:04----06:34	2.1E-01 5.0E-01 6.7E-01 113	1.0E-06 1.1E+00 1.8E-02 969	1.5E+00 5.7E-01 1.0E-06 2	1.4E-05 3.3E-02 6 6
06:19----06:49	1.9E-01 5.8E-01 5.9E-01 113	1.0E-06 1.1E+00 1.8E-02 969	1.6E+00 4.9E-01 1.0E-06 2	1.4E-05 2.4E-02 6 12
06:34----07:04	1.8E-01 8.2E-01 5.2E-01 112	1.0E-06 1.1E+00 1.8E-02 969	2.0E+00 4.5E-01 1.0E-06 2	2.3E-05 2.7E-02 6 8
06:49----07:19	1.9E-01 9.1E-01 4.9E-01 112	1.0E-06 1.1E+00 1.8E-02 969	2.1E+00 4.4E-01 1.0E-06 2	2.5E-05 3.1E-02 6 9

TIME	CO THC-CH4 NO HUMIDITY	TRS CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
07:04----07:34	2.3E-01 7.5E-01 5.3E-01 111	1.0E-06 1.1E+00 1.8E-02 969	1.9E+00 4.6E-01 1.0E-06 1	3.2E-04 7.5E-02 6 14
07:19----07:49	2.2E-01 9.9E-01 5.6E-01 110	1.0E-06 1.1E+00 1.6E-02 969	2.1E+00 4.9E-01 1.0E-06 1	3.6E-04 7.3E-02 6 351
07:34----08:04	8.4E-02 1.4E+00 5.3E-01 108	1.0E-06 1.2E+00 1.5E-02 970	2.1E+00 4.5E-01 3.3E-06 3	9.4E-05 3.1E-02 6 27
07:49----08:19	1.4E-01 9.9E-01 4.2E-01 108	1.0E-06 1.1E+00 1.8E-02 970	1.7E+00 3.6E-01 4.9E-05 5	5.6E-05 2.8E-02 6 34
08:04----08:34	2.4E-01 5.1E-01 3.0E-01 108	1.0E-06 1.1E+00 1.9E-02 970	1.7E+00 2.7E-01 1.5E-04 6	1.0E-06 1.8E-02 6 24
08:19----08:49	1.9E-01 5.1E-01 2.4E-01 108	1.0E-06 1.1E+00 2.0E-02 970	1.6E+00 2.2E-01 3.9E-04 5	1.3E-05 1.8E-02 6 6

## STATISTICS

NUMBER OF READINGS 452

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	3.17E+00	3.84E-01	3.38E-01	1.12E-01	3.29E+01
<b>TRS</b>	1.00E-06	1.39E-02	1.62E-04	1.30E-03	1.17E-06	3.28E+00
THC	1.36E+00	1.50E+01	1.73E+00	1.09E+00	1.61E+00	1.38E+00
SO2	1.00E-06	3.65E-03	3.74E-04	6.00E-04	2.20E-05	2.42E+01
THC-CH4	4.14E-01	8.06E+00	7.07E-01	8.59E-01	5.65E-01	1.67E+00
CH4	1.05E+00	1.72E+00	1.09E+00	7.35E-02	1.09E+00	1.06E+00
NOX	2.95E-02	6.43E-01	4.46E-01	1.23E-01	4.24E-01	1.43E+00
NO2	1.00E-06	4.81E-01	3.24E-02	4.22E-02	8.04E-03	2.88E+01
NO	3.36E-02	8.20E-01	5.27E-01	1.55E-01	4.99E-01	1.44E+00
OZONE	1.66E-03	2.59E-02	1.75E-02	4.39E-03	1.67E-02	1.39E+00
SOLAR RAD	1.00E-06	7.89E-04	2.36E-05	1.03E-04	1.50E-06	4.18E+00
TEMP	6	10	7	1		
HUMIDITY	84	116	108	8	108	1
BAROMETER	967	970	968	1	968	1
WIND SPEED	0	14	1	2	0	944

## TERRACE BAY #27

DATE: NOV 7 1977  
 SCAN TIME: 90 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: CROSSING #1,(49385-54066);2.5 KM S 40 DEG ✓ SOURCE

TIME	TRS WIND SPEED	S02 WIND DIRECTION	TEMP	HUMIDITY
17:40----18:10	1.7E-02 2	2.2E-03 182	9	129
17:55----18:25	1.3E-02 2	1.8E-03 182	9	129
18:10----18:40	1.2E-02 2	1.5E-03 167	9	131
18:25----18:55	1.2E-02 1	1.3E-03 170	9	131
18:40----19:10	1.1E-02 1	1.3E-03 215	9	131
18:55----19:25	1.1E-02 1	1.3E-03 200	9	131
19:10----19:40	9.4E-03 2	1.1E-03 178	9	132
19:25----19:55	9.1E-03 2	1.1E-03 170	9	131
19:40----20:10	9.2E-03 1	1.1E-03 180	9	131
19:55----20:25	8.4E-03 1	1.1E-03 185	9	131
20:10----20:40	8.2E-03 2	1.1E-03 202	9	132
20:25----20:55	8.2E-03 2	1.1E-03 210	9	133
20:40----21:10	7.8E-03 1	1.1E-03 214	9	133
20:55----21:25	7.8E-03 1	1.2E-03 199	9	132
21:10----21:40	8.6E-03 1	1.2E-03 186	9	131
21:25----21:55	9.0E-03 2	1.2E-03 190	9	134
21:40----22:10	9.1E-03 3	1.1E-03 184	9	136
21:55----22:25	1.0E-02 2	1.0E-03 182	9	135
22:10----22:40	1.1E-02 1	1.1E-03 199	9	135
22:25----22:55	1.9E-02 1	1.5E-03 180	9	134

TIME	TRS WIND SPEED	S02 WIND DIRECTION	TEMP	HUMIDITY
22:40----23:10	4.0E-02 1	2.2E-03 153	9	133
22:55----23:25	4.1E-02 1	1.9E-03 156	9	132
23:10----23:40	3.5E-02 0	1.7E-03 151	9	132
23:25----23:55	3.1E-02 0	1.6E-03 139	9	131
23:40----00:10	4.2E-02 0	1.9E-03 144	9	130
23:55----00:25	5.9E-02 0	2.2E-03 101	9	129
00:10----00:40	5.7E-02 0	1.9E-03 100	9	128
00:25----00:55	6.3E-02 0	1.8E-03 151	9	128
00:40----01:10	4.8E-02 1	1.3E-03 185	9	128
00:55----01:25	2.4E-02 1	7.0E-04 199	9	129
01:10----01:40	1.6E-02 1	5.9E-04 164	9	129
01:25----01:55	1.9E-02 0	9.0E-04 171	9	129
01:40----02:10	2.9E-02 0	1.3E-03 200	9	128
01:55----02:25	3.6E-02 0	1.6E-03 174	9	128
02:10----02:40	4.2E-02 0	1.9E-03 152	10	128
02:25----02:55	8.8E-02 0	3.0E-03 173	10	127
02:40----03:10	3.3E-01 0	4.9E-03 176	10	126
02:55----03:25	5.4E-01 0	5.2E-03 177	10	126
03:10----03:40	4.0E-01 0	4.1E-03 144	10	126
03:25----03:55	1.8E-01 0	3.3E-03 128	10	126
03:40----04:10	1.1E-01 0	3.0E-03 126	10	127
03:55----04:25	7.7E-02 0	2.8E-03 172	10	126
04:10----04:40	6.7E-02 0	2.8E-03 169	10	125

TIME	TRS WIND SPEED	SO2 WIND DIRECTION	TEMP	HUMIDITY
04:25----04:55	2.3E-01 1	4.3E-03 186	9	126
04:40----05:10	3.0E-01 1	4.3E-03 173	9	127
04:55----05:25	1.7E-01 1	3.2E-03 162	9	129
05:10----05:40	2.2E-01 1	3.8E-03 171	9	130
05:25----05:55	2.5E-01 1	3.8E-03 154	9	131
05:40----06:10	3.2E-01 1	4.2E-03 134	9	130
05:55----06:25	3.8E-01 0	4.3E-03 146	9	129
06:10----06:40	2.6E-01 0	3.5E-03 140	10	128
06:25----06:55	1.8E-01 0	3.1E-03 141	10	127
06:40----07:10	1.3E-01 0	2.6E-03 137	10	128
06:55----07:25	1.7E-01 0	3.2E-03 154	10	128
07:10----07:40	2.1E-01 0	3.0E-03 162	10	127
07:25----07:55	1.4E-01 0	2.1E-03 184	10	127
07:40----08:10	8.7E-02 1	2.1E-03 191	9	128
07:55----08:25	1.2E-01 1	2.8E-03 186	9	129
08:10----08:40	1.3E-01 0	3.0E-03 181	9	129
08:25----08:55	1.6E-01 0	3.3E-03 216	10	129
08:40----09:10	3.2E-01 0	4.3E-03 201	10	129
08:55----09:25	3.6E-01 0	4.3E-03 133	10	128
09:10----09:40	3.3E-01 0	4.2E-03 135	10	127
09:25----09:55	3.1E-01 0	4.1E-03 135	10	127
09:40----10:10	3.4E-01 0	4.6E-03 173	10	127
09:55----10:25	4.5E-01 0	5.4E-03 165	10	128

TIME	TRS WIND SPEED	S02 WIND DIRECTION	TEMP	HUMIDITY
10:10----10:40	3.3E-01 1	4.8E-03 164	10	127
10:25----10:55	1.7E-01 1	4.2E-03 150	10	127

## STATISTICS

NUMBER OF READINGS 693

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
TRS	6.59E-03	1.40E+00	1.27E-01	1.63E-01	5.47E-02	4.00E+00
S02	3.64E-04	1.09E-02	2.53E-03	1.57E-03	2.11E-03	1.86E+00
TEMP	9	10	9	0		
HUMIDITY	124	139	129	3	129	1
WIND SPEED	0	8	1	2	0	840

## TERRACE BAY #28

DATE: SEP 30 1977

SCAN TIME: 60 SEC

AVERAGING TIME: 30 MIN

LOCATION: HWY #17 &amp; AGUASBON RD., (49125-54035); 1.3 KM S 215 DEG ✓ SOURCE

TIME	TRS CH4 OZONE	THC NOX	SO2 NO2	THC-CH4 NO
11:40----12:10	1.0E-06 1.7E+00 1.9E-02	9.9E-03 1.1E-01	5.0E-03 3.1E-02	1.0E-06 3.6E-02
11:55----12:25	1.0E-06 1.8E+00 1.9E-02	9.5E-03 1.1E-01	4.4E-03 3.9E-02	1.0E-06 3.4E-02
12:10----12:40	1.0E-06 1.8E+00 2.0E-02	9.0E-03 1.1E-01	4.6E-03 3.8E-02	1.0E-06 3.5E-02
12:25----12:55	1.0E-06 1.8E+00 2.1E-02	8.7E-03 9.2E-02	5.2E-03 2.6E-02	1.0E-06 3.1E-02
12:40----13:10	1.0E-06 1.8E+00 2.2E-02	8.6E-03 8.4E-02	5.4E-03 1.8E-02	1.0E-06 3.0E-02

## STATISTICS

NUMBER OF READINGS 98

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
TRS	1.00E-06	1.00E-06	1.00E-06	0.00E+00	1.00E-06	1.00E+00
THC	7.70E-03	1.71E-02	9.09E-03	1.46E-03	8.99E-03	1.15E+00
SO2	4.12E-03	5.37E-03	5.04E-03	5.29E-04	5.01E-03	1.12E+00
THC-CH4	1.00E-06	1.00E-06	1.00E-06	0.00E+00	1.00E-06	1.00E+00
CH4	1.67E+00	1.95E+00	1.79E+00	5.01E-02	1.79E+00	1.03E+00
NOX	7.26E-02	2.78E-01	9.95E-02	3.22E-02	9.59E-02	1.29E+00
NO2	1.00E-06	1.75E-01	2.82E-02	2.28E-02	1.50E-02	1.00E+01
NO	2.53E-02	9.25E-02	3.30E-02	9.11E-03	3.21E-02	1.24E+00
OZONE	9.07E-03	3.02E-02	2.05E-02	4.31E-03	2.01E-02	1.26E+00

## TERRACE BAY #29

DATE: SEP 30 1977  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: MILL RD. (CEMETARY), (49220-54042); 0.4 KM & 180 DEG / SOURCE

TIME	TRS CH4 OZONE	THC NOX	SO2 NO2	THC-CH4 NO
14:15----14:45	1.3E-02 1.7E+00 2.3E-02	8.3E-03 5.6E-02	1.4E-02 1.2E-02	1.0E-06 2.0E-02
14:30----15:00	1.3E-02 1.7E+00 2.4E-02	7.7E-03 5.7E-02	2.7E-02 1.6E-02	1.0E-06 1.9E-02
14:45----15:15	1.3E-02 1.7E+00 2.2E-02	8.1E-03 5.6E-02	2.3E-02 1.7E-02	1.0E-06 1.9E-02
15:00----15:30	1.3E-02 1.8E+00 2.3E-02	8.4E-03 5.3E-02	1.3E-02 1.4E-02	1.0E-06 1.8E-02
15:15----15:45	1.1E-02 1.8E+00 2.6E-02	8.1E-03 5.1E-02	1.2E-02 1.3E-02	1.0E-06 1.8E-02

## STATISTICS

NUMBER OF READINGS 97

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
TRS	7.76E-03	1.70E-02	1.23E-02	2.11E-03	1.21E-02	1.19E+00
THC	7.56E-03	1.31E-02	8.16E-03	8.10E-04	8.13E-03	1.09E+00
SO2	7.76E-03	6.55E-02	1.58E-02	1.26E-02	1.32E-02	1.71E+00
THC-CH4	1.00E-06	1.00E-06	1.00E-06	0.00E+00	1.00E-06	1.00E+00
CH4	1.70E+00	1.79E+00	1.74E+00	1.98E-02	1.74E+00	1.01E+00
NOX	4.66E-02	6.65E-02	5.37E-02	4.51E-03	5.35E-02	1.09E+00
NO2	9.36E-03	2.52E-02	1.37E-02	3.30E-03	1.34E-02	1.24E+00
NO	1.71E-02	2.24E-02	1.89E-02	1.29E-03	1.88E-02	1.07E+00
OZONE	1.44E-02	3.97E-02	2.37E-02	5.69E-03	2.30E-02	1.27E+00

## TERRACE BAY #30

DATE: SEP 30 1977  
 SCAN TIME: 300 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: MILL RD. (CEMETARY), (49220-54042) 10.4 KM & 180 DEG X SOURCE

TIME	TRS CH4 OZONE	THC NOX	SO2 NO2	THC-CH4 NO
16:30----17:00	1.1E-02 1.7E+00 3.4E-02	8.4E-03 4.9E-02	1.1E-02 9.9E-03	1.0E-06 1.7E-02
16:45----17:15	1.4E-02 1.7E+00 2.8E-02	8.1E-03 4.7E-02	1.1E-02 8.7E-03	1.0E-06 1.7E-02
17:00----17:30	1.4E-02 1.7E+00 2.3E-02	8.0E-03 4.5E-02	1.0E-02 1.0E-02	1.0E-06 1.6E-02
17:15----17:45	1.4E-02 1.7E+00 2.2E-02	8.0E-03 4.3E-02	1.0E-02 9.9E-03	1.0E-06 1.6E-02
17:30----18:00	1.5E-02 1.4E+00 2.0E-02	7.9E-03 3.6E-02	7.8E-03 1.0E-02	1.0E-06 1.5E-02
17:45----18:15	1.6E-02 1.4E+00 2.0E-02	7.9E-03 3.4E-02	7.2E-03 9.7E-03	1.0E-06 1.5E-02
18:00----18:30	1.2E-02 1.6E+00 2.3E-02	7.9E-03 3.9E-02	6.6E-03 7.8E-03	1.0E-06 1.5E-02
18:15----18:45	1.2E-02 1.6E+00 2.0E-02	8.0E-03 3.8E-02	6.6E-03 7.2E-03	1.0E-06 1.4E-02
18:30----19:00	1.5E-02 1.6E+00 1.8E-02	8.1E-03 3.8E-02	6.6E-03 7.4E-03	1.0E-06 1.4E-02
18:45----19:15	1.5E-02 1.6E+00 2.0E-02	8.2E-03 3.7E-02	6.6E-03 7.4E-03	1.0E-06 1.4E-02
19:00----19:30	1.5E-02 1.6E+00 2.6E-02	1.2E-02 3.7E-02	6.0E-03 7.7E-03	1.0E-06 1.4E-02
19:15----19:45	1.6E-02 1.6E+00 2.4E-02	1.4E-02 4.0E-02	5.4E-03 9.5E-03	1.0E-06 1.4E-02
19:30----20:00	2.0E-02 1.6E+00 1.3E-02	1.2E-02 4.1E-02	5.4E-03 1.1E-02	1.0E-06 1.4E-02
19:45----20:15	2.5E-02 1.5E+00 1.8E-02	9.8E-03 4.0E-02	5.4E-03 1.1E-02	1.0E-06 1.4E-02
20:00----20:30	2.4E-02 1.5E+00 1.6E-02	8.6E-03 3.8E-02	5.4E-03 9.6E-03	1.0E-06 1.2E-02

TIME	TRS CH4 OZONE	THC NOX	SO2 NO2	THC-CH4 NO
20:15----20:45	2.5E-02 1.5E+00 1.2E-02	9.1E-03 3.8E-02	5.4E-03 9.4E-03	1.0E-06 1.2E-02
20:30----21:00	2.6E-02 1.5E+00 1.8E-02	9.1E-03 3.7E-02	5.4E-03 9.0E-03	1.0E-06 1.4E-02
20:45----21:15	2.6E-02 1.5E+00 2.0E-02	8.3E-03 3.4E-02	5.4E-03 7.6E-03	1.0E-06 1.3E-02
21:00----21:30	2.7E-02 1.5E+00 1.9E-02	8.3E-03 3.2E-02	5.4E-03 6.2E-03	1.0E-06 1.3E-02
21:15----21:45	2.6E-02 1.5E+00 1.3E-02	8.4E-03 3.2E-02	5.4E-03 5.9E-03	1.0E-06 1.3E-02
21:30----22:00	2.6E-02 1.5E+00 1.4E-02	8.4E-03 3.2E-02	5.4E-03 6.5E-03	1.0E-06 1.2E-02
21:45----22:15	2.6E-02 1.5E+00 1.3E-02	8.4E-03 3.2E-02	5.4E-03 6.5E-03	1.0E-06 1.2E-02

## STATISTICS

NUMBER OF READINGS 69

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
TRS	1.68E-03	3.12E-02	1.91E-02	6.51E-03	1.77E-02	1.55E+00
THC	7.78E-03	2.85E-02	8.91E-03	2.67E-03	8.71E-03	1.21E+00
SO2	5.33E-03	2.81E-02	6.78E-03	3.34E-03	6.41E-03	1.33E+00
THC-CH4	1.00E-06	1.00E-06	1.00E-06	0.00E+00	1.00E-06	1.00E+00
CH4	1.85E-03	1.79E+00	1.58E+00	2.09E-01	1.45E+00	2.26E+00
NOX	3.12E-03	5.26E-02	3.82E-02	6.77E-03	3.70E-02	1.39E+00
NO2	1.00E-06	1.58E-02	8.59E-03	2.76E-03	7.35E-03	3.07E+00
NO	1.23E-05	1.81E-02	1.41E-02	2.26E-03	1.29E-02	2.35E+00
OZONE	3.85E-03	4.91E-02	1.97E-02	1.20E-02	1.58E-02	2.05E+00

## TERRACE BAY #31

DATE: OCT 1 1977  
 SCAN TIME: 300 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: BEACH (LAKE SUPERIOR), (49160-54018); 3.1 KM & 195 DEG / SOURCE

TIME	TRS NO	SO2 OZONE	NOX	NO2
14:35----15:05	1.0E-06 1.5E-02	1.0E-06 2.2E-02	3.7E-02	6.2E-03
14:50----15:20	1.0E-06 1.5E-02	1.0E-06 2.3E-02	3.5E-02	5.6E-03
15:05----15:35	1.0E-06 1.4E-02	1.0E-06 2.5E-02	3.5E-02	5.6E-03
15:20----15:50	1.0E-06 1.4E-02	1.0E-06 2.2E-02	3.4E-02	5.0E-03
15:35----16:05	1.0E-06 1.5E-02	1.0E-06 2.1E-02	3.6E-02	5.4E-03
15:50----16:20	1.0E-06 1.6E-02	1.0E-06 2.5E-02	4.1E-02	8.0E-03
16:05----16:35	1.0E-06 1.7E-02	1.0E-06 2.5E-02	4.3E-02	8.1E-03
16:20----16:50	1.0E-06 1.8E-02	6.6E-04 2.4E-02	4.4E-02	6.0E-03
16:35----17:05	1.0E-06 2.0E-02	1.3E-03 2.5E-02	4.8E-02	6.4E-03
16:50----17:20	1.0E-06 2.1E-02	1.3E-03 2.3E-02	5.0E-02	6.9E-03
17:05----17:35	1.0E-06 2.1E-02	2.3E-03 2.2E-02	5.2E-02	7.6E-03
17:20----17:50	1.0E-06 2.2E-02	3.7E-03 2.2E-02	5.5E-02	8.3E-03
17:35----18:05	1.0E-06 2.3E-02	3.5E-03 2.2E-02	5.6E-02	8.1E-03
17:50----18:20	1.0E-06 2.3E-02	3.5E-03 2.1E-02	5.6E-02	7.1E-03
18:05----18:35	1.7E-03 2.4E-02	4.2E-03 2.2E-02	5.8E-02	7.7E-03
18:20----18:50	1.7E-03 2.4E-02	4.7E-03 2.3E-02	6.0E-02	8.6E-03
18:35----19:05	1.4E-03 2.4E-02	6.0E-03 2.2E-02	6.0E-02	8.1E-03
18:50----19:20	1.4E-03 2.4E-02	6.9E-03 2.2E-02	5.8E-02	7.4E-03
19:05----19:35	1.0E-06 2.3E-02	6.9E-03 2.1E-02	5.6E-02	7.9E-03
19:20----19:50	1.0E-06 2.1E-02	6.9E-03 1.9E-02	5.3E-02	8.8E-03

TIME	TRS NO	SO2 OZONE	NOX	NO2
19:35----20:05	1.0E-06 1.9E-02	6.9E-03 1.7E-02	4.3E-02	8.3E-03
19:50----20:20	1.0E-06 1.7E-02	6.3E-03 1.4E-02	3.7E-02	7.7E-03
20:05----20:35	1.0E-06 1.4E-02	4.3E-03 1.8E-02	3.4E-02	6.4E-03
20:20----20:50	1.0E-06 1.2E-02	2.9E-03 2.8E-02	2.8E-02	5.2E-03
20:35----21:05	1.0E-06 1.1E-02	2.8E-03 2.8E-02	2.8E-02	5.1E-03
20:50----21:20	8.4E-05 1.1E-02	2.3E-03 2.1E-02	2.8E-02	5.4E-03
21:05----21:35	8.4E-05 1.1E-02	1.6E-03 1.9E-02	2.8E-02	5.2E-03
21:20----21:50	1.0E-06 1.1E-02	1.4E-03 1.8E-02	2.7E-02	4.9E-03
21:35----22:05	1.0E-06 1.1E-02	1.4E-03 1.5E-02	2.8E-02	5.3E-03
21:50----22:20	1.0E-06 1.1E-02	9.7E-04 1.4E-02	2.7E-02	5.2E-03
22:05----22:35	1.0E-06 1.1E-02	3.3E-04 1.4E-02	2.7E-02	5.0E-03
22:20----22:50	6.4E-04 1.1E-02	1.2E-04 1.2E-02	2.8E-02	5.8E-03
22:35----23:05	6.4E-04 1.1E-02	6.1E-05 1.0E-02	2.7E-02	5.6E-03
22:50----23:20	6.4E-04 1.1E-02	4.7E-06 1.3E-02	2.8E-02	5.9E-03
23:05----23:35	6.4E-04 1.1E-02	4.1E-06 1.6E-02	2.8E-02	6.2E-03
23:20----23:50	1.0E-06 1.1E-02	3.5E-06 1.6E-02	2.7E-02	4.9E-03
23:35----00:05	3.2E-04 1.1E-02	1.8E-06 1.5E-02	2.6E-02	4.6E-03
23:50----00:20	1.0E-03 1.1E-02	1.0E-06 1.3E-02	2.6E-02	4.4E-03
00:05----00:35	1.0E-03 1.1E-02	1.0E-06 1.6E-02	2.6E-02	4.5E-03
00:20----00:50	3.2E-04 1.1E-02	1.0E-06 1.9E-02	2.6E-02	4.2E-03
00:35----01:05	1.9E-04 1.1E-02	1.0E-06 2.1E-02	2.6E-02	4.2E-03
00:50----01:20	4.0E-04 1.1E-02	1.0E-06 2.1E-02	2.6E-02	4.8E-03
01:05----01:35	2.1E-04 1.1E-02	1.0E-06 1.9E-02	2.6E-02	4.9E-03

TIME

TRS

NO

SO2

OZONE

NOX

NO2

## STATISTICS

NUMBER OF READINGS 132

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
TRS	1.00E-06	1.04E-02	2.83E-04	1.26E-03	2.10E-06	9.66E+00
SO2	1.00E-06	6.95E-03	1.89E-03	2.45E-03	8.27E-05	4.60E+01
NOX	1.28E-02	6.04E-02	3.76E-02	1.25E-02	3.57E-02	1.38E+00
NO2	3.39E-03	1.75E-02	6.20E-03	1.89E-03	5.95E-03	1.32E+00
NO	1.06E-02	2.47E-02	1.54E-02	4.94E-03	1.47E-02	1.36E+00
OZONE	1.00E-06	3.87E-02	1.98E-02	7.26E-03	1.70E-02	2.62E+00

## TERRACE BAY #32

DATE: OCT 2 1977  
 SCAN TIME: 600 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: BRIDGE W. OF T.B., (49160-54034); 1.4 KM S 210 DEG / SOURCE

TIME	TRS NO	SO2 OZONE	NOX	NO2
10:55----11:25	1.0E-06 1.5E-02	7.4E-03 1.8E-02	3.9E-02	8.5E-03
11:05----11:35	1.0E-06 1.5E-02	6.1E-03 1.9E-02	3.6E-02	8.6E-03
11:15----11:45	1.0E-06 1.5E-02	5.7E-03 1.9E-02	3.5E-02	8.1E-03
11:25----11:55	1.0E-06 1.5E-02	5.4E-03 2.1E-02	3.4E-02	7.9E-03
11:35----12:05	1.0E-06 1.4E-02	5.0E-03 2.1E-02	3.4E-02	7.5E-03
11:45----12:15	1.0E-06 1.5E-02	5.0E-03 2.1E-02	3.4E-02	7.4E-03
11:55----12:25	1.0E-06 1.5E-02	5.0E-03 1.9E-02	3.3E-02	6.5E-03
12:05----12:35	1.0E-06 1.6E-02	5.0E-03 2.7E-02	3.4E-02	6.7E-03
12:15----12:45	1.0E-06 1.6E-02	5.0E-03 2.6E-02	3.6E-02	7.4E-03
12:25----12:55	1.0E-06 1.6E-02	5.0E-03 3.1E-02	3.8E-02	8.1E-03
12:35----13:05	1.0E-06 1.7E-02	5.0E-03 2.2E-02	3.8E-02	8.3E-03
12:45----13:15	1.0E-06 1.7E-02	6.3E-03 2.6E-02	3.8E-02	7.4E-03
12:55----13:25	1.0E-06 1.8E-02	8.4E-03 2.0E-02	3.8E-02	7.1E-03
13:05----13:35	1.0E-06 1.8E-02	1.3E-02 2.3E-02	4.0E-02	7.7E-03
13:15----13:45	1.0E-06 1.8E-02	2.0E-02 1.7E-02	4.2E-02	9.5E-03
13:25----13:55	6.2E-04 1.8E-02	2.3E-02 1.9E-02	4.4E-02	1.1E-02
13:35----14:05	6.2E-04 1.8E-02	2.0E-02 1.7E-02	4.4E-02	1.2E-02
13:45----14:15	9.0E-04 1.8E-02	1.3E-02 1.9E-02	4.2E-02	1.0E-02
13:55----14:25	2.8E-04 1.7E-02	1.0E-02 1.7E-02	4.0E-02	9.0E-03
14:05----14:35	2.8E-04 1.7E-02	1.0E-02 1.7E-02	3.8E-02	7.7E-03

TIME	TRS NO	SO2 OZONE	NOX	NO2
14:15----14:45	1.0E-06 1.7E-02	1.0E-02 1.6E-02	3.8E-02	7.8E-03
14:25----14:55	1.0E-06 1.6E-02	8.8E-03 1.8E-02	3.8E-02	7.9E-03
14:35----15:05	1.0E-06 1.6E-02	7.1E-03 1.8E-02	3.8E-02	8.0E-03
14:45----15:15	1.0E-06 1.6E-02	5.5E-03 2.2E-02	3.6E-02	6.9E-03
14:55----15:25	1.0E-06 1.6E-02	5.1E-03 1.9E-02	3.5E-02	6.1E-03
15:05----15:35	1.0E-06 1.6E-02	5.0E-03 2.2E-02	3.4E-02	5.4E-03
15:15----15:45	1.0E-06 1.6E-02	5.0E-03 1.8E-02	3.4E-02	5.0E-03
15:25----15:55	1.0E-06 1.6E-02	5.0E-03 2.5E-02	3.4E-02	4.9E-03
15:35----16:05	1.0E-06 1.5E-02	5.0E-03 2.3E-02	3.4E-02	5.3E-03
15:45----16:15	1.0E-06 1.5E-02	5.0E-03 3.0E-02	3.4E-02	6.6E-03
15:55----16:25	1.0E-06 1.5E-02	5.0E-03 2.5E-02	3.5E-02	7.1E-03
16:05----16:35	1.0E-06 1.5E-02	5.0E-03 2.8E-02	3.4E-02	6.9E-03
16:15----16:45	1.0E-06 1.5E-02	5.0E-03 2.7E-02	3.4E-02	6.3E-03
16:25----16:55	1.0E-06 1.5E-02	5.0E-03 2.5E-02	3.3E-02	6.1E-03
16:35----17:05	1.0E-06 1.5E-02	5.0E-03 2.5E-02	3.3E-02	6.6E-03
16:45----17:15	1.0E-06 1.5E-02	5.0E-03 2.5E-02	3.3E-02	6.6E-03
16:55----17:25	1.0E-06 1.5E-02	5.0E-03 2.5E-02	3.3E-02	6.3E-03
17:05----17:35	1.0E-06 1.5E-02	5.0E-03 2.4E-02	3.3E-02	6.0E-03
17:15----17:45	1.0E-06 1.5E-02	5.0E-03 2.1E-02	3.2E-02	5.8E-03
17:25----17:55	1.0E-06 1.5E-02	5.0E-03 1.8E-02	3.2E-02	5.9E-03
17:35----18:05	1.0E-06 1.5E-02	5.0E-03 1.7E-02	3.2E-02	5.7E-03
17:45----18:15	1.0E-06 1.5E-02	5.0E-03 1.9E-02	3.2E-02	5.0E-03
17:55----18:25	1.0E-06 1.5E-02	5.0E-03 2.2E-02	3.2E-02	5.4E-03

TIME	TRS NO	SO2 OZONE	NOX	NO2
18:05----18:35	1.0E-06 1.5E-02	5.0E-03 1.9E-02	3.2E-02	5.2E-03
18:15----18:45	1.0E-06 1.5E-02	5.0E-03 1.7E-02	3.2E-02	5.9E-03
18:25----18:55	1.0E-06 1.5E-02	5.0E-03 1.7E-02	3.2E-02	5.3E-03
18:35----19:05	1.0E-06 1.5E-02	4.6E-03 2.2E-02	3.2E-02	5.2E-03
18:45----19:15	1.0E-06 1.5E-02	4.2E-03 3.0E-02	3.2E-02	5.3E-03
18:55----19:25	1.0E-06 1.5E-02	3.8E-03 3.0E-02	3.2E-02	5.4E-03
19:05----19:35	1.0E-06 1.5E-02	3.8E-03 2.5E-02	3.1E-02	5.2E-03
19:15----19:45	1.0E-06 1.5E-02	3.8E-03 1.9E-02	3.2E-02	5.3E-03
19:25----19:55	1.0E-06 1.5E-02	3.8E-03 2.1E-02	3.3E-02	5.7E-03
19:35----20:05	1.0E-06 1.5E-02	3.8E-03 2.2E-02	3.4E-02	6.8E-03
19:45----20:15	1.0E-06 1.5E-02	3.8E-03 2.0E-02	3.5E-02	7.6E-03
19:55----20:25	1.0E-06 1.5E-02	3.8E-03 1.9E-02	3.6E-02	8.4E-03
20:05----20:35	1.0E-06 1.5E-02	3.8E-03 2.2E-02	3.6E-02	8.7E-03
20:15----20:45	1.0E-06 1.5E-02	3.8E-03 3.0E-02	3.6E-02	8.8E-03
20:25----20:55	1.0E-06 1.6E-02	3.8E-03 3.3E-02	3.6E-02	8.3E-03
20:35----21:05	1.0E-06 1.5E-02	3.8E-03 2.9E-02	3.6E-02	8.2E-03
20:45----21:15	1.0E-06 1.5E-02	3.8E-03 2.2E-02	3.5E-02	7.6E-03
20:55----21:25	1.0E-06 1.5E-02	3.8E-03 1.8E-02	3.3E-02	6.7E-03
21:05----21:35	1.0E-06 1.5E-02	3.8E-03 2.0E-02	3.2E-02	5.5E-03
21:15----21:45	1.0E-06 1.5E-02	3.8E-03 2.2E-02	3.2E-02	5.4E-03
21:25----21:55	1.0E-06 1.4E-02	3.8E-03 2.6E-02	3.2E-02	5.7E-03
21:35----22:05	1.0E-06 1.5E-02	3.8E-03 2.5E-02	3.2E-02	5.8E-03
21:45----22:15	1.0E-06 1.4E-02	3.8E-03 2.3E-02	3.1E-02	5.1E-03

TIME	TRS NO	SO2 OZONE	NOX	HO2
21:55----22:25	1.0E-06 1.4E-02	3.8E-03 1.8E-02	3.1E-02	5.1E-03
22:05----22:35	1.0E-06 1.4E-02	3.8E-03 2.2E-02	3.1E-02	4.8E-03
22:15----22:45	1.0E-06 1.4E-02	3.8E-03 2.8E-02	3.0E-02	4.9E-03
22:25----22:55	1.0E-06 1.4E-02	3.8E-03 2.7E-02	3.0E-02	4.4E-03
22:35----23:05	1.0E-06 1.5E-02	3.8E-03 2.5E-02	3.0E-02	5.1E-03
22:45----23:15	1.0E-06 1.5E-02	3.8E-03 2.0E-02	3.1E-02	5.3E-03
22:55----23:25	1.0E-06 1.5E-02	3.8E-03 2.1E-02	3.2E-02	5.9E-03
23:05----23:35	1.0E-06 1.5E-02	3.8E-03 2.1E-02	3.3E-02	6.4E-03
23:15----23:45	1.0E-06 1.5E-02	5.4E-03 2.6E-02	3.4E-02	7.9E-03
23:25----23:55	1.0E-06 1.5E-02	7.1E-03 3.0E-02	3.5E-02	8.3E-03
23:35----00:05	1.0E-06 1.5E-02	8.4E-03 3.1E-02	3.5E-02	8.5E-03
23:45----00:15	1.0E-06 1.5E-02	8.0E-03 2.5E-02	3.5E-02	5.2E-03
23:55----00:25	1.0E-06 1.5E-02	7.6E-03 2.1E-02	3.5E-02	5.5E-03
00:05----00:35	1.0E-06 1.5E-02	7.6E-03 2.1E-02	3.5E-02	5.2E-03
00:15----00:45	1.0E-06 1.5E-02	6.8E-03 2.1E-02	3.4E-02	7.2E-03
00:25----00:55	1.0E-06 1.5E-02	5.9E-03 2.2E-02	3.3E-02	6.3E-03
00:35----01:05	1.0E-06 1.4E-02	4.6E-03 2.2E-02	3.2E-02	5.7E-03
00:45----01:15	1.0E-06 1.4E-02	4.2E-03 2.5E-02	3.1E-02	5.2E-03
00:55----01:25	1.0E-06 1.4E-02	3.8E-03 2.5E-02	3.1E-02	5.2E-03
01:05----01:35	1.0E-06 1.4E-02	3.8E-03 2.5E-02	3.1E-02	5.2E-03
01:15----01:45	1.0E-06 1.5E-02	3.8E-03 2.2E-02	3.1E-02	5.5E-03
01:25----01:55	1.0E-06 1.5E-02	6.3E-03 2.0E-02	3.1E-02	5.0E-03
01:35----02:05	1.0E-06 1.5E-02	9.2E-03 2.1E-02	3.2E-02	5.4E-03

TIME	TRS NO	SO2 OZONE	NOX	NO2
01:45----02:15	1.0E-06 1.5E-02	1.1E-02 2.9E-02	3.3E-02	5.8E-03
01:55----02:25	1.0E-06 1.5E-02	9.6E-03 2.9E-02	3.3E-02	6.6E-03
02:05----02:35	1.0E-06 1.5E-02	7.1E-03 2.9E-02	3.3E-02	6.9E-03
02:15----02:45	1.0E-06 1.5E-02	5.8E-03 2.3E-02	3.4E-02	7.0E-03
02:25----02:55	1.0E-06 1.5E-02	5.0E-03 2.1E-02	3.4E-02	7.0E-03
02:35----03:05	1.0E-06 1.5E-02	5.0E-03 1.9E-02	3.4E-02	6.8E-03
02:45----03:15	1.0E-06 1.5E-02	5.0E-03 2.3E-02	3.4E-02	6.9E-03
02:55----03:25	1.0E-06 1.5E-02	4.6E-03 2.4E-02	3.4E-02	7.6E-03
03:05----03:35	1.0E-06 1.5E-02	4.2E-03 2.2E-02	3.4E-02	7.7E-03
03:15----03:45	1.0E-06 1.5E-02	3.8E-03 1.9E-02	3.3E-02	7.2E-03
03:25----03:55	1.0E-06 1.4E-02	3.8E-03 1.9E-02	3.2E-02	6.2E-03
03:35----04:05	1.0E-06 1.4E-02	3.8E-03 1.9E-02	3.1E-02	5.6E-03
03:45----04:15	1.0E-06 1.5E-02	3.8E-03 2.2E-02	3.1E-02	5.5E-03
03:55----04:25	1.0E-06 1.4E-02	3.8E-03 2.6E-02	3.1E-02	5.3E-03
04:05----04:35	1.0E-06 1.5E-02	3.8E-03 2.6E-02	3.2E-02	5.7E-03
04:15----04:45	1.0E-06 1.5E-02	3.8E-03 2.3E-02	3.2E-02	5.9E-03
04:25----04:55	1.0E-06 1.5E-02	3.8E-03 1.9E-02	3.3E-02	6.2E-03
04:35----05:05	1.0E-06 1.4E-02	3.8E-03 1.9E-02	3.2E-02	5.9E-03
04:45----05:15	1.0E-06 1.4E-02	3.8E-03 2.3E-02	3.1E-02	5.6E-03
04:55----05:25	1.0E-06 1.4E-02	3.8E-03 2.6E-02	3.1E-02	5.9E-03
05:05----05:35	1.0E-06 1.4E-02	3.8E-03 2.6E-02	3.1E-02	5.6E-03
05:15----05:45	1.0E-06 1.4E-02	3.8E-03 2.4E-02	3.1E-02	5.2E-03
05:25----05:55	1.0E-06 1.4E-02	3.8E-03 2.3E-02	3.0E-02	4.2E-03

TIME	TRS NO	SO2 OZONE	NOX	NO2
05:35----06:05	1.0E-06 1.4E-02	3.8E-03 2.3E-02	3.0E-02	4.2E-03
05:45----06:15	1.0E-06 1.4E-02	3.8E-03 2.6E-02	3.0E-02	4.4E-03
05:55----06:25	1.0E-06 1.4E-02	3.8E-03 2.7E-02	3.0E-02	4.5E-03
06:05----06:35	1.0E-06 1.4E-02	3.8E-03 2.9E-02	3.0E-02	4.3E-03
06:15----06:45	1.0E-06 1.5E-02	3.8E-03 2.6E-02	3.1E-02	4.2E-03
06:25----06:55	1.0E-06 1.5E-02	3.8E-03 2.5E-02	3.1E-02	4.5E-03
06:35----07:05	1.0E-06 1.5E-02	3.8E-03 2.4E-02	3.1E-02	4.8E-03
06:45----07:15	1.0E-06 1.5E-02	3.8E-03 2.3E-02	3.1E-02	4.8E-03
06:55----07:25	1.0E-06 1.5E-02	3.8E-03 2.0E-02	3.1E-02	5.0E-03
07:05----07:35	1.0E-06 1.5E-02	3.8E-03 2.0E-02	3.2E-02	5.5E-03
07:15----07:45	1.0E-06 1.5E-02	3.4E-03 2.0E-02	3.2E-02	5.9E-03

## STATISTICS

NUMBER OF READINGS 125

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
<b>TRS</b>	1.00E-06	1.87E-03	2.25E-05	1.82E-04	1.12E-06	2.46E+00
SO2	2.60E-03	3.13E-02	5.50E-03	3.48E-03	4.97E-03	1.49E+00
NOX	2.97E-02	4.60E-02	3.36E-02	3.06E-03	3.35E-02	1.09E+00
NO2	1.00E-06	1.23E-02	6.40E-03	1.74E-03	5.83E-03	2.27E+00
NO	1.38E-02	1.87E-02	1.51E-02	9.51E-04	1.51E-02	1.06E+00
OZONE	1.13E-02	4.30E-02	2.27E-02	6.27E-03	2.20E-02	1.30E+00

## TERRACE BAY #33

DATE: OCT 2 1977  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION:  
 REC. CENTER PARKING LOT, (49250-54031); 1.8 KM & 185 DEG X SOURCE

TIME	TRS NO	S02 OZONE	NOX	NO2
14:25----14:55	4.4E-03 2.1E-02	6.4E-03 2.8E-02	4.4E-02	5.9E-03
14:40----15:10	3.7E-03 2.0E-02	9.3E-03 2.7E-02	4.1E-02	5.4E-03
14:55----15:25	4.5E-03 1.8E-02	1.1E-02 2.7E-02	3.8E-02	5.3E-03
15:10----15:40	2.6E-03 1.9E-02	1.0E-02 2.6E-02	4.1E-02	7.5E-03
15:25----15:55	1.4E-04 2.4E-02	7.0E-03 2.5E-02	4.9E-02	6.6E-03

## STATISTICS

NUMBER OF READINGS 102

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
TRS	1.00E-06	8.87E-03	2.67E-03	2.94E-03	1.09E-04	6.32E+01
S02	2.52E-03	3.88E-02	9.09E-03	6.38E-03	7.62E-03	1.76E+00
NOX	3.56E-02	6.35E-02	4.53E-02	8.12E-03	4.46E-02	1.19E+00
NO2	1.00E-06	2.67E-02	6.05E-03	3.93E-03	5.08E-03	2.56E+00
NO	1.74E-02	4.07E-02	2.20E-02	4.48E-03	2.16E-02	1.21E+00
OZONE	1.02E-02	3.78E-02	2.63E-02	4.76E-03	2.58E-02	1.23E+00

## TERRACE BAY #34

DATE: OCT 2 1977  
 SCAN TIME: 180 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: IMPERIAL MOTEL, (49225-54030) 1.9 KM & 175 DEG / SOURCE

TIME	TRS NO	SO2 OZONE	NOX	NO2
16:25----16:55	5.3E-05 2.7E-02	9.0E-03 2.1E-02	5.5E-02	5.1E-03
16:40----17:10	1.1E-04 2.8E-02	1.3E-02 2.4E-02	5.7E-02	6.0E-03
16:55----17:25	5.3E-05 2.7E-02	1.5E-02 2.6E-02	5.5E-02	7.4E-03
17:10----17:40	1.0E-06 2.4E-02	1.2E-02 2.5E-02	5.3E-02	6.0E-03
17:25----17:55	3.7E-04 1.8E-02	9.8E-03 2.2E-02	5.3E-02	4.2E-03
17:40----18:10	1.4E-03 2.1E-02	1.2E-02 2.1E-02	5.3E-02	5.6E-03
17:55----18:25	3.0E-03 2.5E-02	1.4E-02 2.4E-02	5.3E-02	7.6E-03
18:10----18:40	4.5E-03 2.5E-02	8.9E-03 2.4E-02	5.1E-02	6.2E-03
18:25----18:55	5.1E-03 2.3E-02	6.9E-03 2.0E-02	4.6E-02	5.2E-03
18:40----19:10	6.9E-03 2.1E-02	7.6E-03 2.1E-02	4.2E-02	5.1E-03
18:55----19:25	8.8E-03 1.9E-02	7.6E-03 2.2E-02	4.0E-02	5.2E-03
19:10----19:40	1.1E-02 1.8E-02	7.6E-03 2.2E-02	3.9E-02	6.0E-03
19:25----19:55	1.2E-02 1.6E-02	7.6E-03 2.2E-02	3.8E-02	7.0E-03
19:40----20:10	1.1E-02 1.5E-02	7.6E-03 1.9E-02	3.6E-02	7.2E-03
19:55----20:25	1.1E-02 1.5E-02	6.6E-03 1.4E-02	3.6E-02	8.9E-03
20:10----20:40	1.4E-02 1.4E-02	5.3E-03 1.2E-02	3.2E-02	7.9E-03
20:25----20:55	1.6E-02 1.3E-02	4.4E-03 1.2E-02	3.1E-02	7.1E-03
20:40----21:10	1.8E-02 1.3E-02	3.8E-03 1.5E-02	3.2E-02	8.1E-03
20:55----21:25	1.7E-02 1.2E-02	3.3E-03 1.8E-02	2.7E-02	4.9E-03
21:10----21:40	1.5E-02 1.2E-02	2.4E-03 1.8E-02	2.5E-02	3.6E-03

TIME	TRS NO	SO2 020NE	NOX	NO2
21:25----21:55	1.5E-02 1.2E-02	1.7E-03 1.8E-02	2.4E-02	3.6E-03
21:40----22:10	1.3E-02 1.1E-02	1.3E-03 1.7E-02	2.4E-02	3.7E-03
21:55----22:25	1.4E-02 1.1E-02	1.3E-03 1.6E-02	2.4E-02	4.1E-03
22:10----22:40	1.5E-02 1.1E-02	1.3E-03 1.4E-02	2.4E-02	4.1E-03
22:25----22:55	1.4E-02 1.1E-02	1.3E-03 1.4E-02	2.4E-02	4.6E-03
22:40----23:10	1.5E-02 1.1E-02	1.3E-03 1.3E-02	2.4E-02	5.6E-03
22:55----23:25	1.6E-02 1.1E-02	6.9E-04 9.4E-03	2.4E-02	6.1E-03
23:10----23:40	1.6E-02 1.1E-02	9.4E-05 9.2E-03	2.5E-02	5.5E-03
23:25----23:55	1.7E-02 1.1E-02	9.1E-05 1.0E-02	2.5E-02	5.4E-03
23:40----00:10	1.7E-02 1.1E-02	6.0E-05 1.2E-02	2.4E-02	4.6E-03
23:55----00:25	1.6E-02 1.0E-02	2.5E-05 1.4E-02	2.2E-02	3.0E-03
00:10----00:40	1.6E-02 1.1E-02	1.0E-05 1.2E-02	2.3E-02	4.0E-03
00:25----00:55	1.7E-02 1.0E-02	1.1E-06 1.1E-02	2.3E-02	3.9E-03
00:40----01:10	1.6E-02 1.0E-02	1.1E-06 1.4E-02	2.1E-02	2.3E-03
00:55----01:25	1.5E-02 1.0E-02	1.1E-06 1.5E-02	2.0E-02	2.0E-03
01:10----01:40	1.5E-02 1.0E-02	1.1E-06 1.4E-02	2.0E-02	2.0E-03
01:25----01:55	1.7E-02 1.0E-02	1.1E-06 1.4E-02	2.0E-02	1.9E-03
01:40----02:10	1.6E-02 9.9E-03	1.1E-06 1.2E-02	2.0E-02	1.9E-03
01:55----02:25	1.5E-02 9.9E-03	1.1E-06 1.3E-02	2.0E-02	2.2E-03
02:10----02:40	1.5E-02 1.0E-02	1.1E-06 1.7E-02	2.0E-02	2.1E-03
02:25----02:55	1.4E-02 9.9E-03	1.1E-06 1.6E-02	2.0E-02	1.9E-03
02:40----03:10	1.5E-02 9.9E-03	1.1E-06 1.4E-02	2.0E-02	2.1E-03
02:55----03:25	1.5E-02 9.8E-03	1.1E-06 1.6E-02	2.0E-02	2.1E-03

TIME	TRS NO	SO2 OZONE	NOX	NO2
03:10----03:40	1.5E-02 9.8E-03	1.1E-06 1.6E-02	1.9E-02	2.1E-03
03:25----03:55	1.5E-02 9.7E-03	1.1E-06 1.7E-02	1.9E-02	1.9E-03
03:40----04:10	1.6E-02 1.0E-02	1.1E-06 1.8E-02	2.1E-02	2.4E-03
03:55----04:25	1.6E-02 1.0E-02	1.1E-06 1.7E-02	2.2E-02	3.4E-03
04:10----04:40	1.5E-02 9.8E-03	1.1E-06 1.8E-02	2.1E-02	2.9E-03
04:25----04:55	1.5E-02 9.9E-03	1.1E-06 1.9E-02	2.0E-02	2.0E-03
04:40----05:10	1.5E-02 9.9E-03	1.1E-06 1.8E-02	2.0E-02	1.9E-03
04:55----05:25	1.5E-02 9.8E-03	1.1E-06 1.7E-02	2.0E-02	2.0E-03
05:10----05:40	1.4E-02 9.8E-03	1.1E-06 1.7E-02	2.0E-02	2.2E-03
05:25----05:55	1.4E-02 9.9E-03	1.1E-06 1.7E-02	2.0E-02	2.2E-03

## STATISTICS

NUMBER OF READINGS 270

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
TRS	1.00E-06	2.06E-02	1.22E-02	5.75E-03	4.56E-03	1.95E+01
SO2	1.00E-06	2.89E-02	3.30E-03	4.91E-03	9.29E-05	6.06E+01
NOX	1.24E-02	6.46E-02	2.96E-02	1.25E-02	2.75E-02	1.46E+00
NO2	1.00E-06	1.83E-02	4.25E-03	2.63E-03	3.43E-03	2.46E+00
NO	1.00E-06	3.08E-02	1.38E-02	6.10E-03	1.19E-02	2.51E+00
OZONE	1.00E-06	3.46E-02	1.68E-02	6.24E-03	1.42E-02	3.01E+00

## TERRACE BAY #37

DATE: OCT 5 1977  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: MILL RD. (EAST), (49260-54055); 0.8 KM & 30 DEG X SOURCE

TIME	TRS NO	S02 OZONE	NOX	NO2
11:07----11:37	7.7E-02 1.7E-02	5.3E-03 1.0E-02	3.3E-02	7.9E-03
11:22----11:52	4.4E-02 1.6E-02	6.4E-03 1.2E-02	3.2E-02	7.4E-03
11:37----12:07	3.8E-02 1.6E-02	6.4E-03 1.3E-02	3.2E-02	7.6E-03

## STATISTICS

NUMBER OF READINGS 65

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
TRS	2.18E-02	2.43E-01	5.53E-02	5.01E-02	4.25E-02	1.94E+00
S02	3.69E-03	6.45E-03	5.89E-03	1.02E-03	5.79E-03	1.23E+00
NOX	2.87E-02	4.06E-02	3.24E-02	2.74E-03	3.23E-02	1.09E+00
NO2	2.82E-03	1.34E-02	7.57E-03	1.89E-03	7.34E-03	1.29E+00
NO	1.51E-02	2.14E-02	1.64E-02	1.11E-03	1.64E-02	1.07E+00
OZONE	1.68E-03	2.60E-02	1.19E-02	5.57E-03	1.06E-02	1.71E+00

## TERRACE BAY #38

DATE: OCT 5 1977  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: HWY #17 & GRAVEL PIT, (49365-54047); 1.4 KM & 100 DEG / SOURCE

TIME	TRS NO	S02 OZONE	NOX	NO2
12:45----13:15	4.3E-02 2.2E-02	6.4E-03 1.6E-02	4.0E-02	7.3E-03
12:50----13:20	3.5E-02 2.1E-02	6.4E-03 1.5E-02	3.8E-02	7.9E-03
12:55----13:25	3.2E-02 2.1E-02	6.4E-03 1.6E-02	3.9E-02	8.2E-03
13:00----13:30	1.9E-02 2.0E-02	6.4E-03 1.5E-02	3.8E-02	9.2E-03

## STATISTICS

NUMBER OF READINGS 49

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
TRS	8.69E-03	1.42E-01	3.29E-02	3.11E-02	2.41E-02	2.08E+00
S02	6.42E-03	6.44E-03	6.43E-03	5.47E-06	6.43E-03	1.00E+00
NOX	3.10E-02	6.06E-02	3.91E-02	6.75E-03	3.86E-02	1.17E+00
NO2	1.00E-06	3.01E-02	8.37E-03	4.80E-03	4.74E-03	9.15E+00
NO	1.58E-02	4.17E-02	2.07E-02	5.92E-03	2.01E-02	1.26E+00
OZONE	1.71E-03	3.34E-02	1.53E-02	8.37E-03	1.29E-02	1.88E+00

## TERRACE BAY #39

DATE: OCT 5 1977  
 SCAN TIME: 60 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: HWY #17 & GRAVEL PIT, (49365-54047); 1.4 KM & 100 DEG / SOURCE

TIME	TRS NO	SO2 OZONE	NOX	NO2
16:30----17:00	9.0E-03 1.5E-02	2.3E-02 1.4E-02	2.9E-02	7.7E-03
16:35----17:05	8.5E-03 1.4E-02	1.9E-02 1.4E-02	2.8E-02	6.8E-03
16:40----17:10	8.2E-03 1.4E-02	1.8E-02 1.3E-02	2.8E-02	6.8E-03
16:45----17:15	7.8E-03 1.4E-02	1.7E-02 1.3E-02	2.8E-02	6.9E-03

## STATISTICS

NUMBER OF READINGS 46

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
TRS	2.97E-03	1.26E-02	8.08E-03	2.47E-03	7.65E-03	1.42E+00
SO2	1.33E-02	6.91E-02	2.06E-02	1.07E-02	1.90E-02	1.44E+00
NOX	2.43E-02	3.83E-02	2.80E-02	3.73E-03	2.78E-02	1.13E+00
NO2	3.83E-03	1.30E-02	6.96E-03	2.49E-03	6.59E-03	1.38E+00
NO	1.30E-02	1.69E-02	1.43E-02	8.40E-04	1.42E-02	1.06E+00
OZONE	4.86E-03	2.91E-02	1.38E-02	6.51E-03	1.24E-02	1.62E+00

## TERRACE BAY #40

DATE: OCT 5 1977  
 SCAN TIME: 180 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: TEXACO STATION, (49345-54042); 1.3 KM & 135 DEG X SOURCE

TIME	TRS NO	SO2 020NE	NOX	NO2
22:20----22:50	2.8E-02 1.8E-02	1.7E-02 1.2E-02	3.7E-02	8.9E-03
22:35----23:05	1.6E-02 1.6E-02	1.3E-02 1.1E-02	3.2E-02	8.1E-03
22:50----23:20	8.7E-03 1.5E-02	1.2E-02 7.5E-03	2.9E-02	5.7E-03
23:05----23:35	4.1E-03 1.5E-02	1.1E-02 4.7E-03	2.9E-02	6.4E-03
23:20----23:50	4.2E-03 1.5E-02	1.1E-02 5.5E-03	2.8E-02	5.8E-03
23:35----00:05	3.5E-03 1.4E-02	1.1E-02 5.8E-03	2.6E-02	4.4E-03
23:50----00:20	5.2E-03 1.4E-02	1.1E-02 5.7E-03	2.4E-02	3.7E-03
00:05----00:35	6.6E-03 1.4E-02	1.1E-02 7.1E-03	2.4E-02	3.6E-03
00:20----00:50	4.8E-03 1.4E-02	1.1E-02 7.8E-03	2.3E-02	3.7E-03
00:35----01:05	3.7E-03 1.3E-02	1.1E-02 1.1E-02	2.3E-02	3.5E-03
00:50----01:20	4.6E-03 1.3E-02	1.1E-02 1.5E-02	2.2E-02	3.3E-03
01:05----01:35	4.8E-03 1.3E-02	1.1E-02 1.7E-02	2.2E-02	3.1E-03
01:20----01:50	5.0E-03 1.3E-02	1.1E-02 1.6E-02	2.2E-02	3.0E-03
01:35----02:05	6.2E-03 1.3E-02	1.1E-02 1.6E-02	2.1E-02	3.1E-03
01:50----02:20	6.5E-03 1.2E-02	1.1E-02 1.6E-02	2.1E-02	3.0E-03
02:05----02:35	6.2E-03 1.2E-02	1.1E-02 1.5E-02	2.1E-02	2.9E-03
02:20----02:50	6.9E-03 1.2E-02	1.1E-02 1.5E-02	2.0E-02	2.8E-03
02:35----03:05	7.7E-03 1.2E-02	1.1E-02 1.5E-02	2.0E-02	2.6E-03
02:50----03:20	8.3E-03 1.2E-02	1.1E-02 1.4E-02	2.0E-02	2.7E-03
03:05----03:35	8.9E-03 1.2E-02	1.1E-02 1.5E-02	1.9E-02	2.6E-03

TIME	TRS NO	SO2 OZONE	NOX	NO2
03:20----03:50	9.6E-03 1.2E-02	1.1E-02 1.7E-02	1.9E-02	2.3E-03
03:35----04:05	9.0E-03 1.2E-02	1.1E-02 1.6E-02	1.9E-02	2.4E-03
03:50----04:20	8.6E-03 1.2E-02	1.1E-02 1.5E-02	1.9E-02	2.3E-03
04:05----04:35	8.7E-03 1.1E-02	1.1E-02 1.6E-02	1.8E-02	2.3E-03
04:20----04:50	7.7E-03 1.1E-02	1.1E-02 1.7E-02	1.8E-02	2.4E-03
04:35----05:05	8.3E-03 1.1E-02	1.1E-02 1.8E-02	1.8E-02	2.3E-03
04:50----05:20	9.4E-03 1.1E-02	1.1E-02 1.9E-02	1.8E-02	2.3E-03
05:05----05:35	8.9E-03 1.1E-02	1.1E-02 2.0E-02	1.8E-02	2.4E-03
05:20----05:50	7.9E-03 1.1E-02	1.1E-02 2.0E-02	1.8E-02	2.3E-03
05:35----06:05	8.0E-03 1.1E-02	1.1E-02 1.8E-02	1.8E-02	2.3E-03
05:50----06:20	8.3E-03 1.1E-02	1.1E-02 1.8E-02	1.8E-02	2.2E-03
06:05----06:35	9.0E-03 1.1E-02	1.1E-02 1.9E-02	1.7E-02	2.1E-03
06:20----06:50	9.2E-03 1.1E-02	1.1E-02 2.0E-02	1.7E-02	2.1E-03
06:35----07:05	9.1E-03 1.1E-02	1.1E-02 2.0E-02	1.7E-02	2.0E-03
06:50----07:20	7.6E-03 1.1E-02	1.1E-02 1.9E-02	1.7E-02	1.8E-03
07:05----07:35	7.5E-03 1.1E-02	1.1E-02 1.8E-02	1.7E-02	1.8E-03
07:20----07:50	9.0E-03 1.1E-02	1.1E-02 1.7E-02	1.7E-02	1.9E-03

## STATISTICS

NUMBER OF READINGS 190

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
TRS	1.00E-06	5.34E-02	8.41E-03	6.27E-03	6.59E-03	2.63E+00
SO2	1.05E-02	2.51E-02	1.10E-02	1.77E-03	1.09E-02	1.13E+00
NOX	1.62E-02	4.04E-02	2.14E-02	5.11E-03	2.09E-02	1.23E+00
NO2	8.94E-04	1.39E-02	3.28E-03	1.93E-03	2.93E-03	1.55E+00
NO	1.05E-02	2.26E-02	1.26E-02	1.93E-03	1.24E-02	1.15E+00
OZONE	1.00E-06	2.50E-02	1.45E-02	5.67E-03	1.13E-02	3.77E+00

## TERRACE BAY #41

DATE: OCT 8 1977  
 SCAN TIME: 180 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: IMPERIAL MOTEL, (49225-54030); 1.9 KM & 175 DEG Z SOURCE

TIME	TRS OZONE	NOX	NO2	NO
23:00----23:30	5.6E-03 1.2E-02	2.1E-02	1.1E-03	1.1E-02
23:15----23:45	8.9E-03 1.3E-02	2.0E-02	4.5E-04	1.1E-02
23:30----00:00	1.2E-02 1.4E-02	2.0E-02	5.2E-05	1.1E-02
23:45----00:15	1.3E-02 1.3E-02	2.1E-02	3.9E-04	1.1E-02
00:00----00:30	1.4E-02 1.3E-02	2.1E-02	5.8E-04	1.1E-02
00:15----00:45	1.4E-02 1.4E-02	2.0E-02	3.8E-04	1.1E-02
00:30----01:00	1.4E-02 1.3E-02	2.0E-02	2.1E-04	1.0E-02
00:45----01:15	1.3E-02 1.5E-02	1.9E-02	3.0E-05	1.0E-02
01:00----01:30	1.3E-02 1.3E-02	1.9E-02	4.5E-05	1.0E-02
01:15----01:45	1.3E-02 1.1E-02	1.9E-02	1.4E-04	1.0E-02
01:30----02:00	1.2E-02 1.1E-02	2.0E-02	5.8E-04	1.1E-02
01:45----02:15	1.2E-02 1.1E-02	2.0E-02	5.0E-04	1.1E-02
02:00----02:30	1.2E-02 1.2E-02	1.9E-02	2.5E-05	1.0E-02
02:15----02:45	1.1E-02 1.2E-02	1.9E-02	1.5E-04	1.0E-02
02:30----03:00	1.1E-02 1.1E-02	1.9E-02	2.1E-04	1.0E-02
02:45----03:15	1.1E-02 1.2E-02	1.9E-02	2.5E-04	1.0E-02
03:00----03:30	1.1E-02 1.3E-02	2.0E-02	7.3E-04	1.0E-02
03:15----03:45	1.1E-02 1.1E-02	2.0E-02	1.5E-03	1.0E-02
03:30----04:00	1.1E-02 1.0E-02	2.1E-02	1.8E-03	1.0E-02
03:45----04:15	1.1E-02 9.6E-03	2.1E-02	1.4E-03	1.0E-02

TIME	TRS OZONE	NOX	NO2	NO
04:00----04:30	1.1E-02 1.0E-02	2.0E-02	8.7E-04	1.0E-02
04:15----04:45	1.1E-02 1.0E-02	2.0E-02	1.1E-03	1.0E-02
04:30----05:00	1.1E-02 1.1E-02	2.0E-02	1.2E-03	1.0E-02
04:45----05:15	1.1E-02 1.2E-02	1.9E-02	4.9E-04	1.0E-02
05:00----05:30	1.1E-02 1.3E-02	1.9E-02	3.2E-04	1.0E-02
05:15----05:45	1.1E-02 1.3E-02	1.9E-02	6.1E-04	1.0E-02

## STATISTICS

NUMBER OF READINGS 136

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	1.67E-03	1.45E-02	1.14E-02	2.05E-03	1.11E-02	1.31E+00
NO2	1.86E-02	2.56E-02	1.99E-02	1.20E-03	1.99E-02	1.06E+00
NO	1.00E-06	3.89E-03	5.97E-04	8.01E-04	6.08E-05	2.35E+01
OZONE	9.77E-03	1.28E-02	1.04E-02	4.38E-04	1.04E-02	1.04E+00
	3.81E-03	2.29E-02	1.20E-02	3.00E-03	1.16E-02	1.30E+00

## TERRACE BAY #42

DATE: OCT 11 1977  
 SCAN TIME: 180 SEC  
 AVERAGING TIME: 30 MIN  
 LOCATION: MIN. NAT. RES., (49190-54034); 1.6 KM S 200 DEG / SOURCE

TIME	TRS	S02	OZONE
21:25----21:55	2.0E-02	1.3E-03	4.0E-03
21:40----22:10	1.8E-02	1.7E-03	5.0E-03
21:55----22:25	1.6E-02	2.3E-03	5.9E-03
22:10----22:40	1.5E-02	2.8E-03	7.3E-03
22:25----22:55	1.3E-02	2.8E-03	1.0E-02
22:40----23:10	1.1E-02	2.8E-03	1.3E-02
22:55----23:25	9.6E-03	2.8E-03	1.3E-02
23:10----23:40	9.6E-03	2.8E-03	1.4E-02
23:25----23:55	9.8E-03	2.5E-03	1.3E-02
23:40----00:10	9.4E-03	1.8E-03	1.4E-02
23:55----00:25	9.7E-03	1.4E-03	1.5E-02
00:10----00:40	1.0E-02	1.4E-03	1.5E-02
00:25----00:55	9.4E-03	1.4E-03	1.4E-02
00:40----01:10	8.2E-03	1.3E-03	1.5E-02
00:55----01:25	7.6E-03	1.3E-03	1.7E-02
01:10----01:40	7.3E-03	1.3E-03	1.5E-02
01:25----01:55	7.0E-03	1.3E-03	1.4E-02
01:40----02:10	6.9E-03	1.3E-03	1.6E-02
01:55----02:25	6.8E-03	1.3E-03	1.7E-02
02:10----02:40	6.7E-03	1.3E-03	1.6E-02
02:25----02:55	6.5E-03	1.3E-03	1.6E-02
02:40----03:10	6.4E-03	1.3E-03	1.7E-02
02:55----03:25	6.3E-03	1.3E-03	1.7E-02
03:10----03:40	6.3E-03	1.3E-03	1.8E-02
03:25----03:55	6.3E-03	1.3E-03	1.9E-02
03:40----04:10	6.2E-03	1.3E-03	1.8E-02
03:55----04:25	6.2E-03	1.3E-03	1.8E-02
04:10----04:40	6.2E-03	1.3E-03	1.8E-02
04:25----04:55	6.1E-03	1.3E-03	1.7E-02
04:40----05:10	6.1E-03	1.3E-03	1.6E-02
04:55----05:25	6.1E-03	1.3E-03	1.7E-02
05:10----05:40	6.0E-03	1.3E-03	1.9E-02
05:25----05:55	6.0E-03	1.3E-03	1.9E-02
05:40----06:10	6.0E-03	1.3E-03	2.0E-02
05:55----06:25	6.0E-03	1.3E-03	1.9E-02
06:10----06:40	6.1E-03	1.3E-03	1.9E-02
06:25----06:55	6.2E-03	1.3E-03	1.9E-02
06:40----07:10	6.1E-03	1.3E-03	1.8E-02
06:55----07:25	6.0E-03	1.3E-03	1.8E-02
07:10----07:40	6.0E-03	1.3E-03	1.8E-02
07:25----07:55	5.9E-03	1.3E-03	1.7E-02
07:40----08:10	5.9E-03	1.3E-03	1.7E-02
07:55----08:25	6.0E-03	1.3E-03	1.7E-02
08:10----08:40	6.0E-03	1.3E-03	1.5E-02

## STATISTICS

NUMBER OF READINGS 228

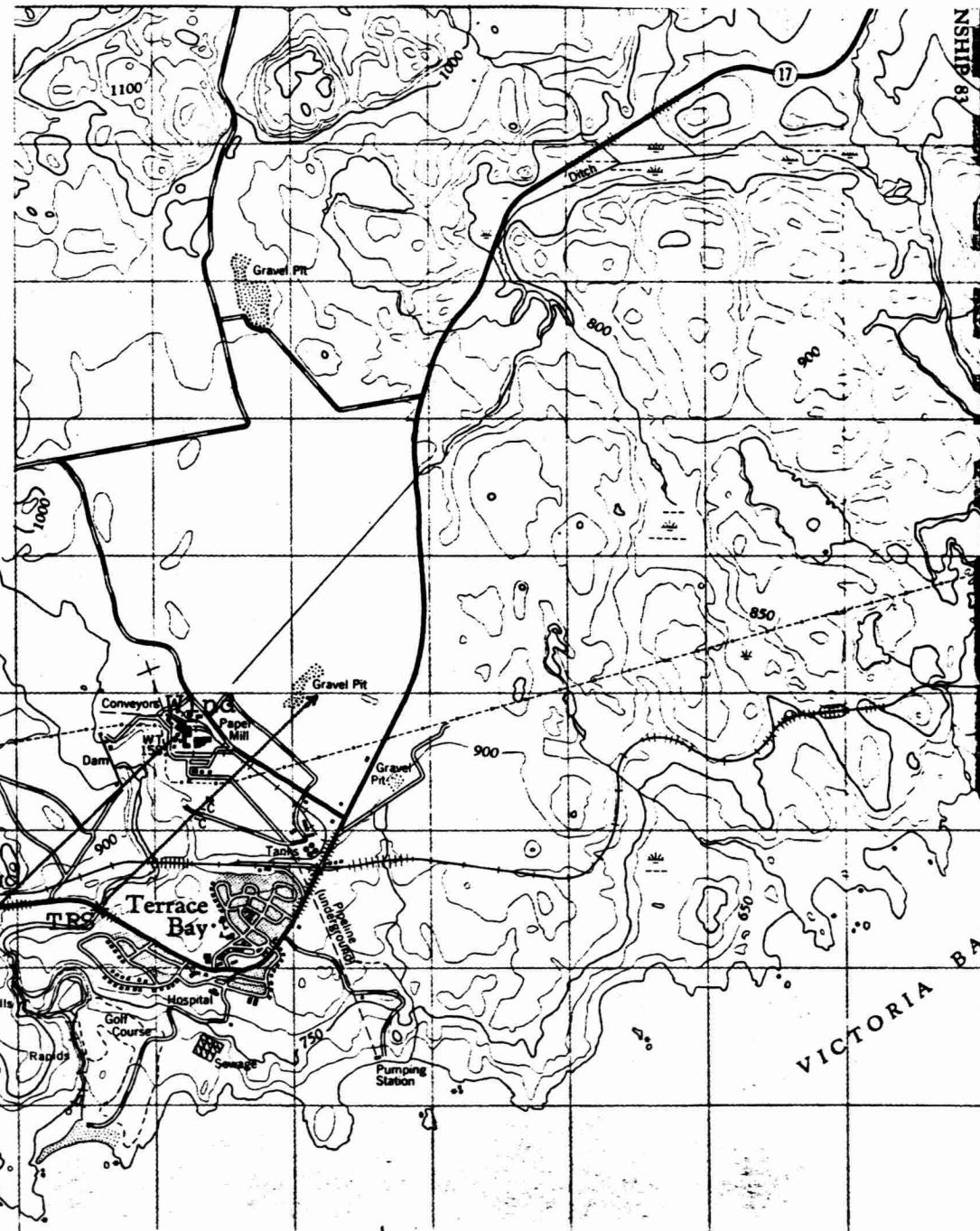
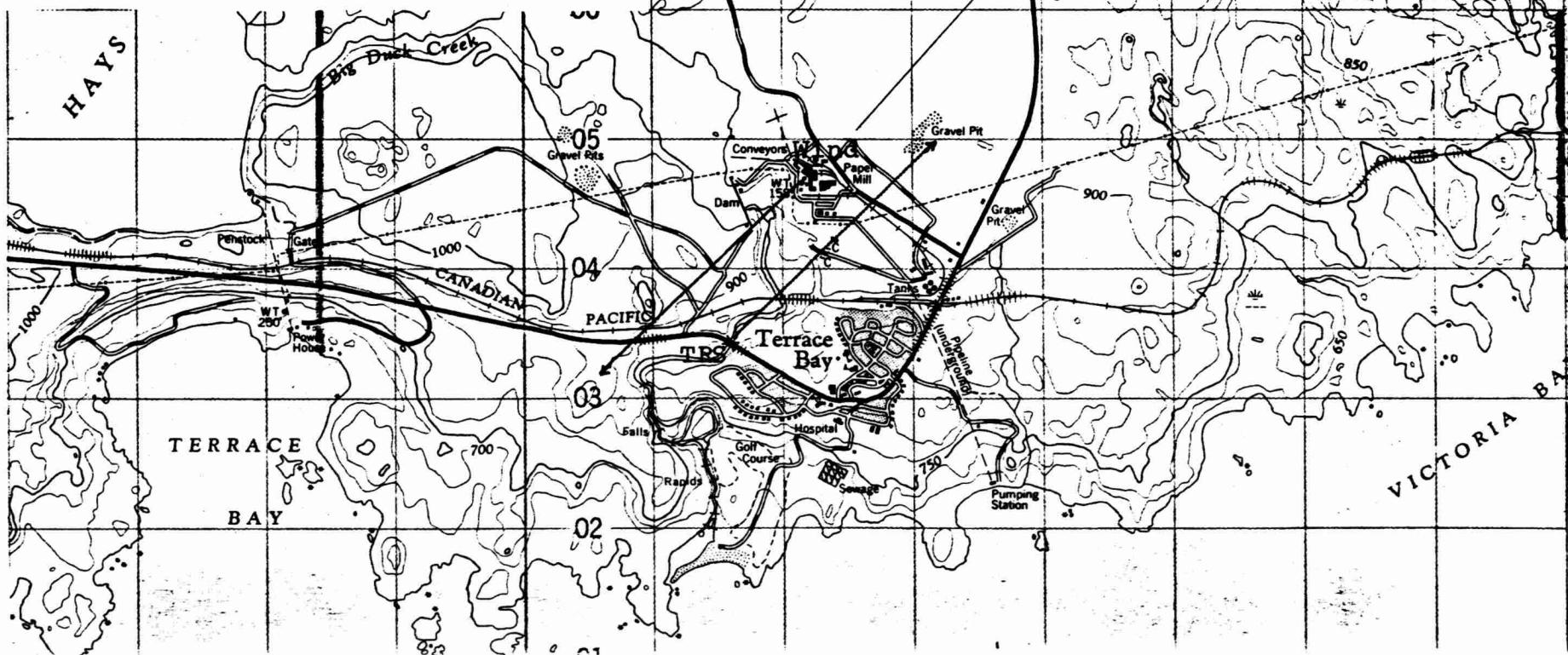
POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
TRS	5.73E-03	2.32E-02	8.23E-03	3.69E-03	7.68E-03	1.41E+00
S02	1.00E-06	2.81E-03	1.53E-03	5.42E-04	1.42E-03	1.74E+00
OZONE	1.00E-06	2.29E-02	1.53E-02	4.59E-03	1.38E-02	2.16E+00

## TERRACE BAY #1

16:53 SEP 29 1977  
 LENGTH= 2.2 HRS  
 DELAY= 8 MIN  
 LOC: BRIDGE WEST T.B. / (49160-54034), 1.4 KM. 210 DEG / SOURCE

SCAN= 120 SEC AVE= 30 MIN  
 MINIMUM MEAN= 5.00000E-03 PPM  
 WIND RANGE= 2 / 12 KM/HR

ARITHMETIC MEAN: TRS  
 1 DIV= 0.01 PPM  
 PREVAILING WINDS: BLOWING TOWARDS:  
 1 DIV= 100 %

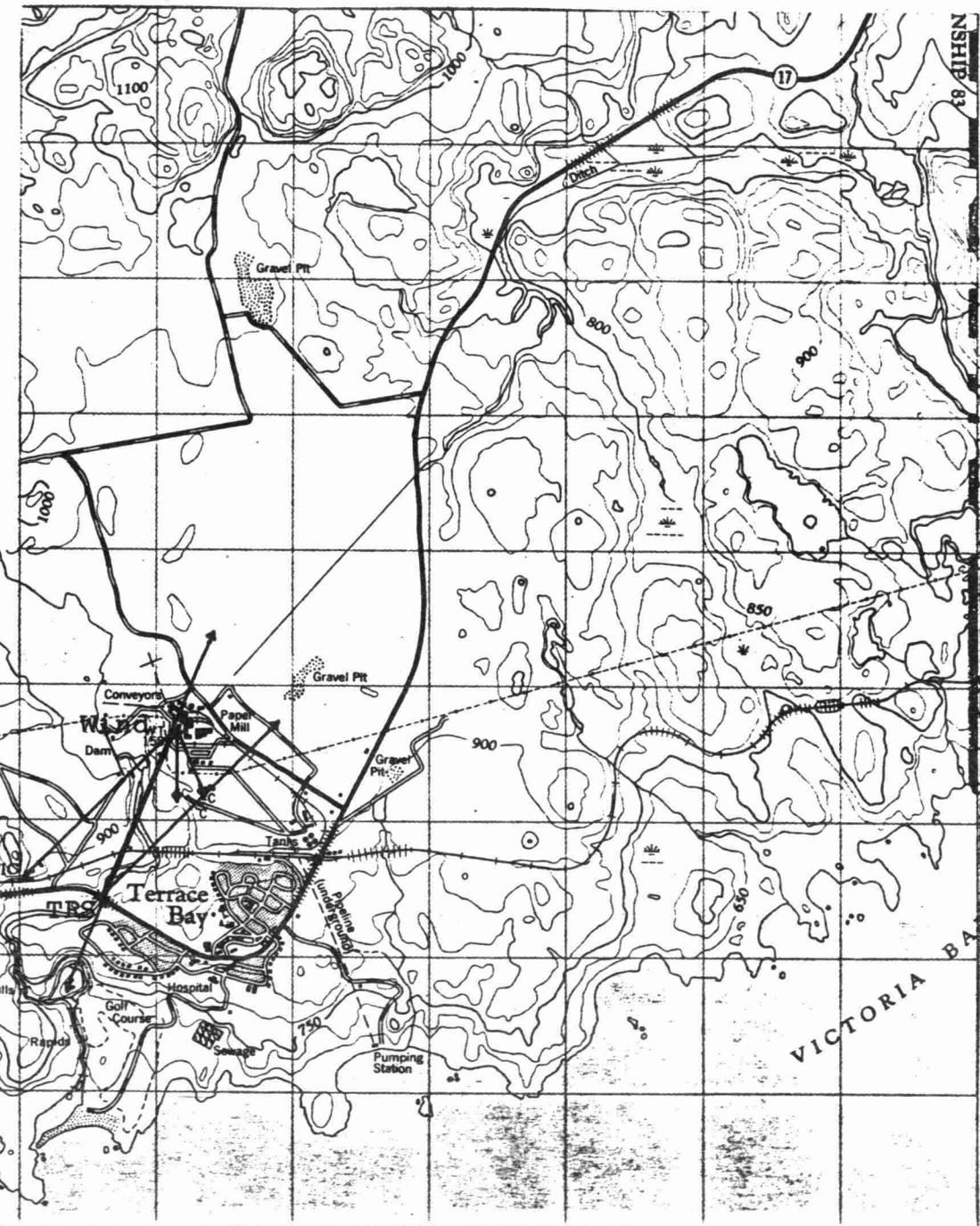
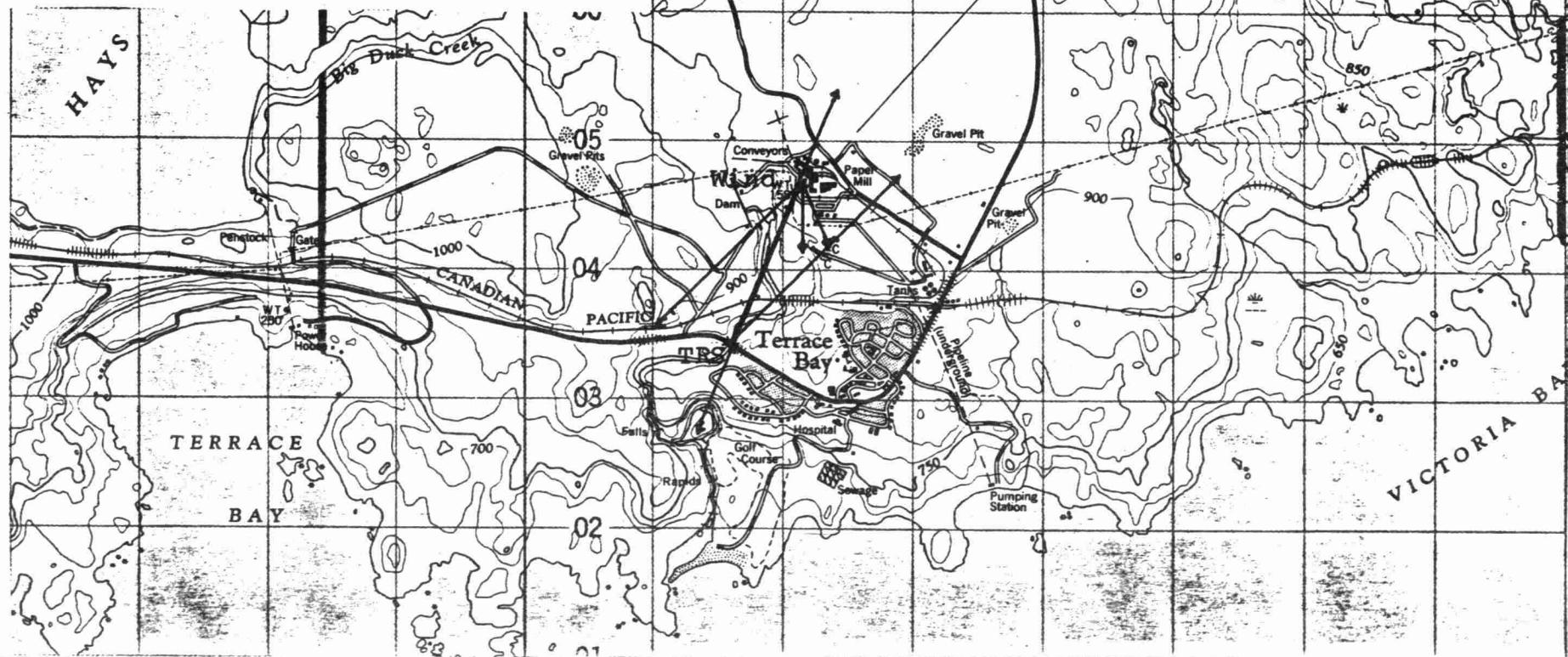


## TERRACE BAY #2

11:42 SEP 30 1977  
 LENGTH= 4.7 HRS  
 DELAY= 8 MIN  
 LOC: BRIDGE WEST T.B. (49168-54034), 1.4 KM. 210 DEG / SOURCE

SCAN= 30 SEC AVE= 30 MIN  
 MINIMUM MEAN= 5.0000E-03 PPM  
 WIND RANGE= 4 / 18 KM/HR

ARITHMETIC MEAN: TRS  
 1 DIV= 0.01 PPM  
 PREVAILING WINDS, BLOWING TOWARDS:  
 1 DIV= 10 X

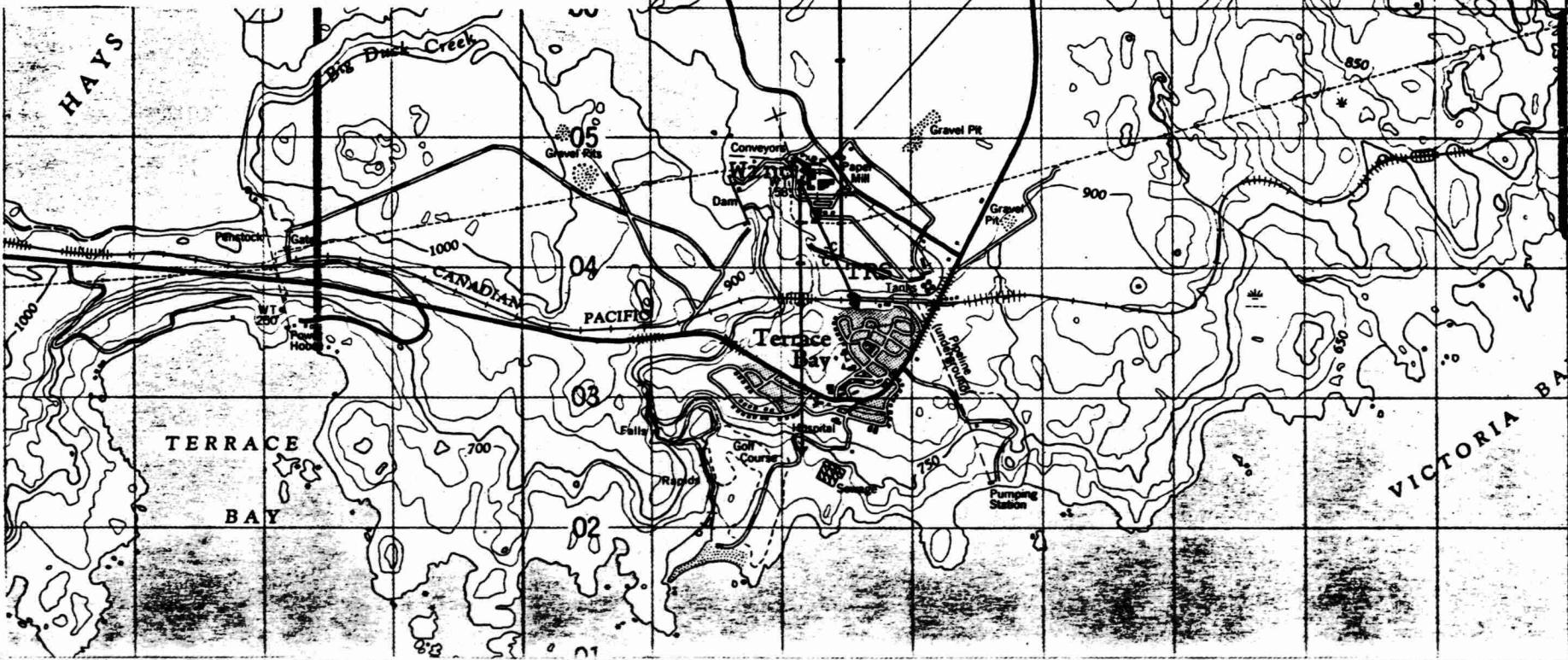


## TERRACE BAY #19

15:17 OCT 15 1977  
LENGTH= 1.5 HRS  
DELAY= 0 MIN  
LOC: TERRACE SAY MI

SCAN= 30 SEC AVE= 30 MIN  
MINIMUM MEAN= 0.02 PPM  
WIND RANGE= 5, 8 KM/HR  
2400-54442); 0.7KM, 170DRS/SOURCE

ARITHMETIC MEAN: TRS  
1 DIV- 0.01 PPM  
PREVAILING WINDS: BLOWING TOWARDS:  
1 DIV- 10 %

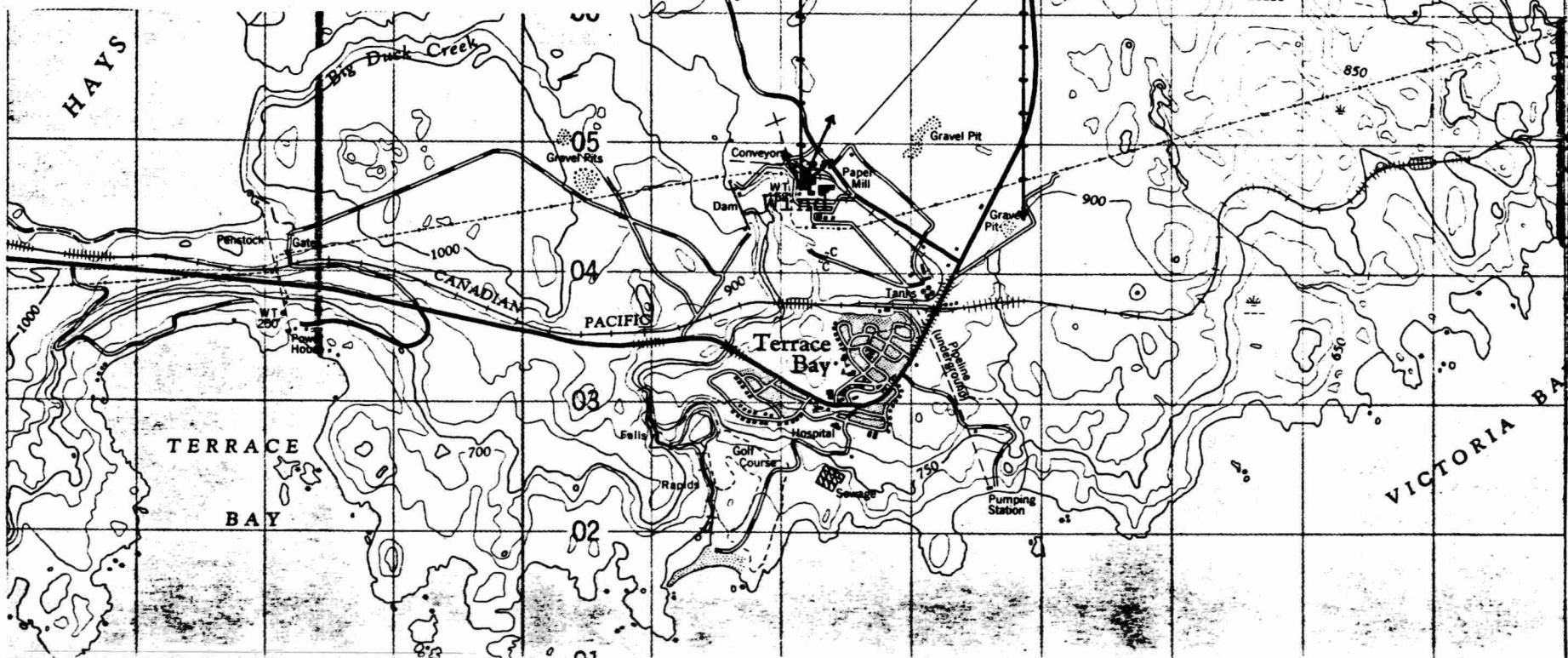


## TERRACE BAY #27

17:48 NOV 7 1977  
LENGTH= 17.3 HRS  
DELAY= 0 MIN  
LOC: TERRACE BAY CROSSING #1 (49388-64088), 2.5 KM, 40 DEG/SOURCE

SCAN= 50 SEC AVE= 30 MIN  
MINIMUM MEAN= 5.00000E-03 PPM  
WIND RANGE= 1 3 KM/HR

ARITHMETIC MEAN: TRS  
1 DIV= 0.01 PPM  
PREVAILING WINDS: BLOWING TOWARDS:  
1 DIV= 10 %

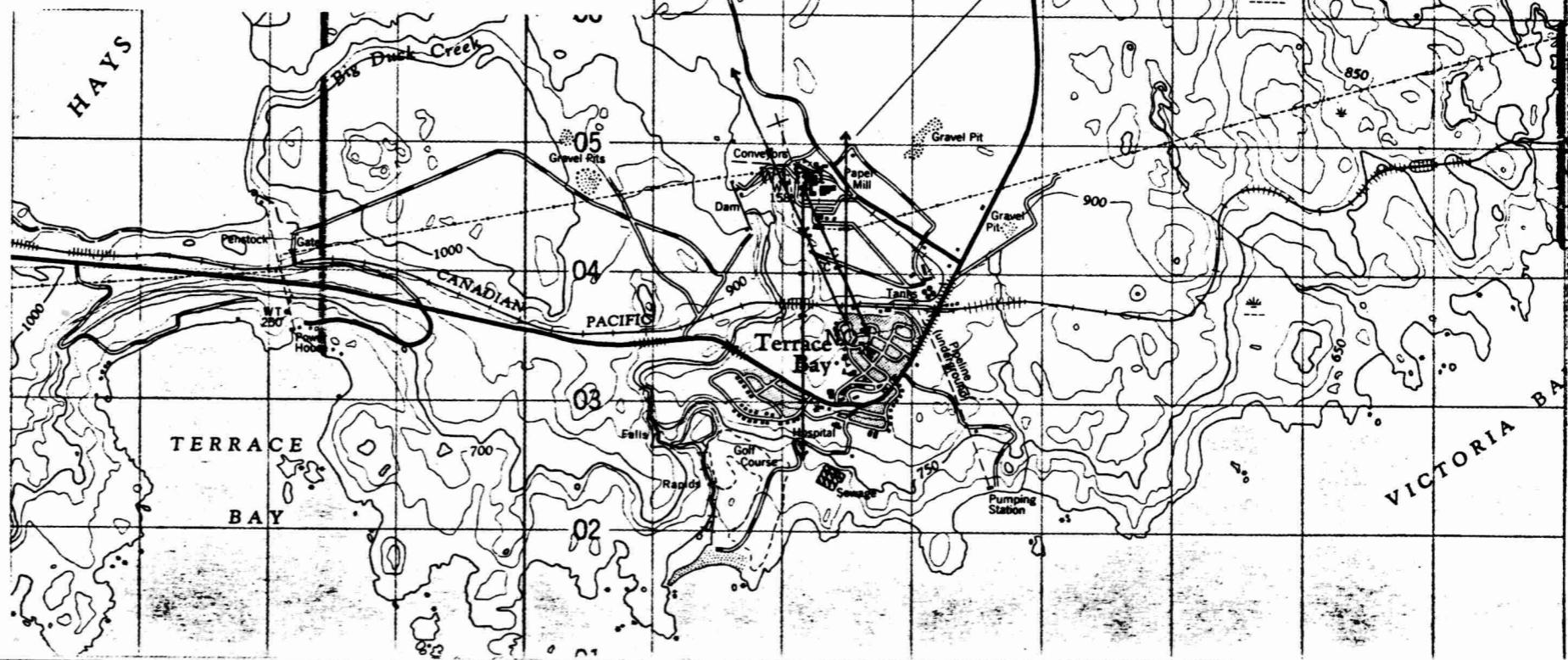


TERRACE BAY #14

11:19 OCT 3 1977  
LENGTH= 12.8 HRS  
DELAY= 0 MIN  
LOC: #169 BIRCH STREET

SCAN= 60 SEC AVE= 30 MIN  
MINIMUM MEAN= 5.00000E-03 PPM  
WIND RANGE= 2, 8 KM/HR  
-54036), 1.1 KM., 170 DES/SOURCE

ARITHMETIC MEAN: NOX  
1 DIV= 0.1 PPM  
PREVAILING WINDS: BLOWING TOWARDS:  
1 DIV= 10 X

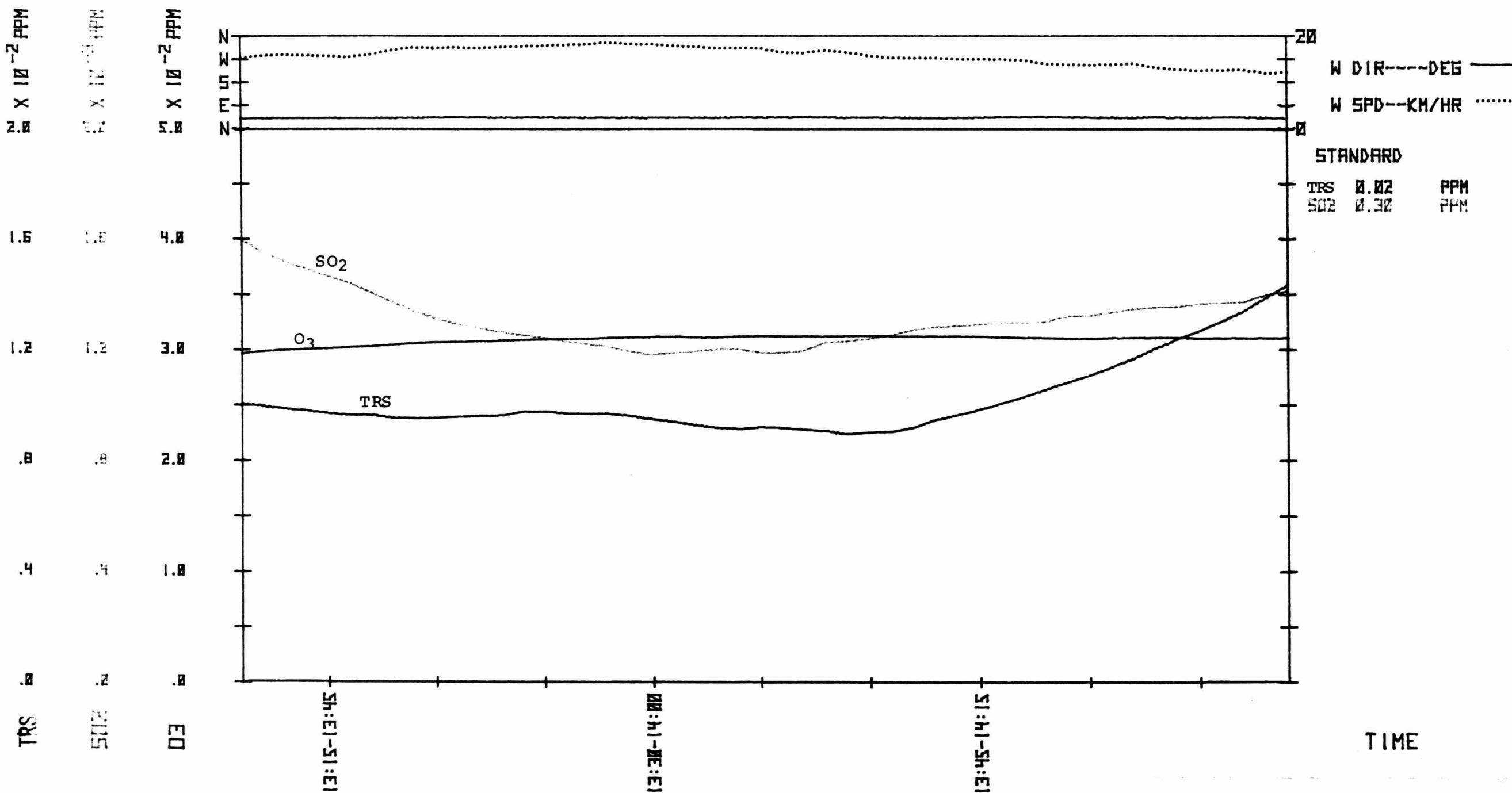


## TERRACE BAY #5

13:11 OCT 1 1977

SCAN= 60 SEC RVE= 30 MIN

HWY #17 &amp; SELKIRK AVE. (49220-54031); 1.7KM, 180 DEG./SOURCE

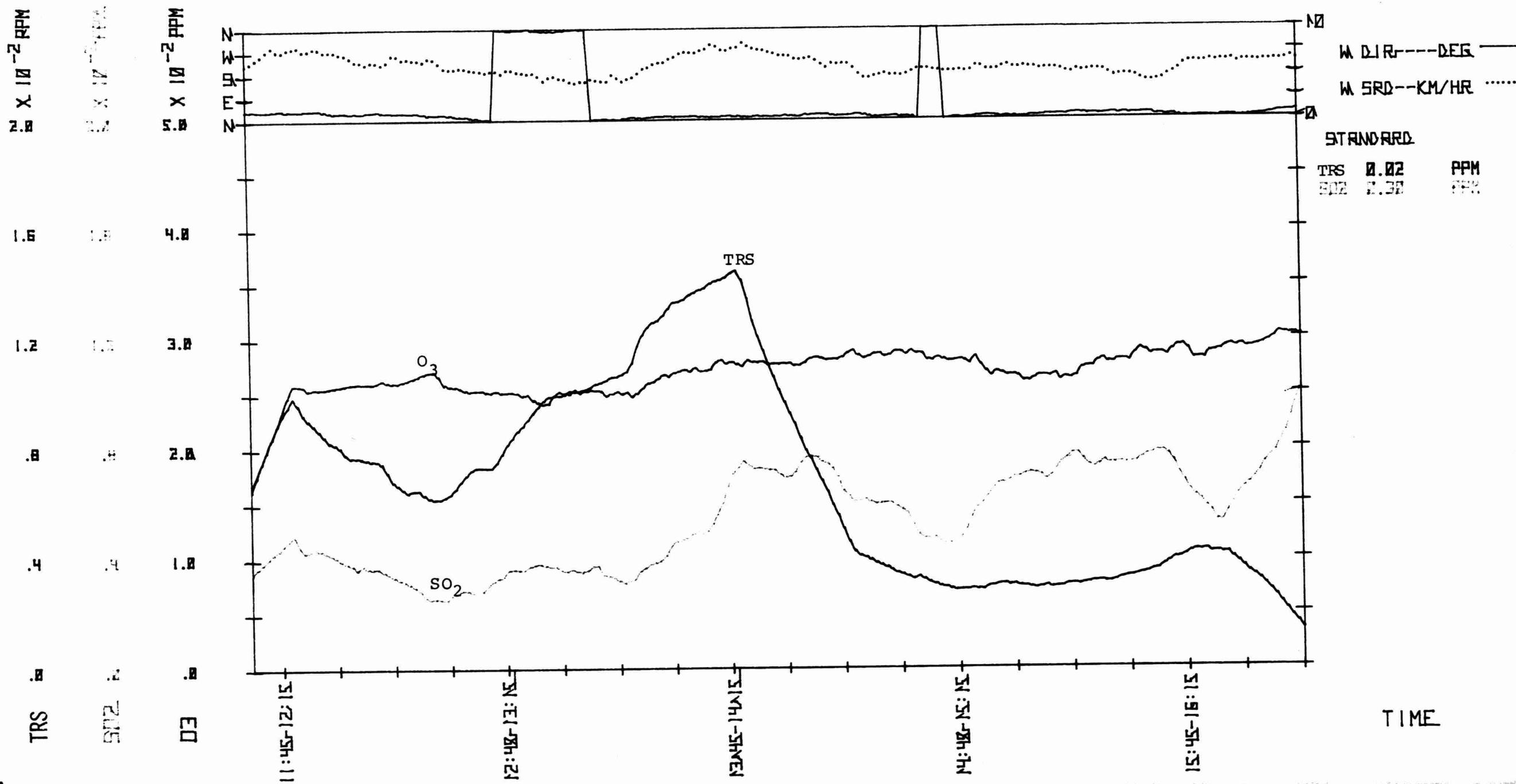


## TERRACE BAY #10

11:37 OCT 2 1977

SCAN= 60 SEC AVE= 30 MIN

SOUTH OF GOLF CLB, (49170-54017); 3.1KM., 190069/SOURCE



## TERRACE BAY #11

17:20 OCT 2 1977

SCAN= 60 SEC AVE= 30 MIN

SOUTH OF GOLF CLB.(45170-54017); 3.1KM, 19006/SOURCE

WDIR X 10<sup>-2</sup> DEGWSPD X 10<sup>-2</sup> KM/HR

.8

4.0

.6

3.0

.4

2.0

.2

1.0

.0

2.0

TRS

.4 X 10<sup>-2</sup> PPM

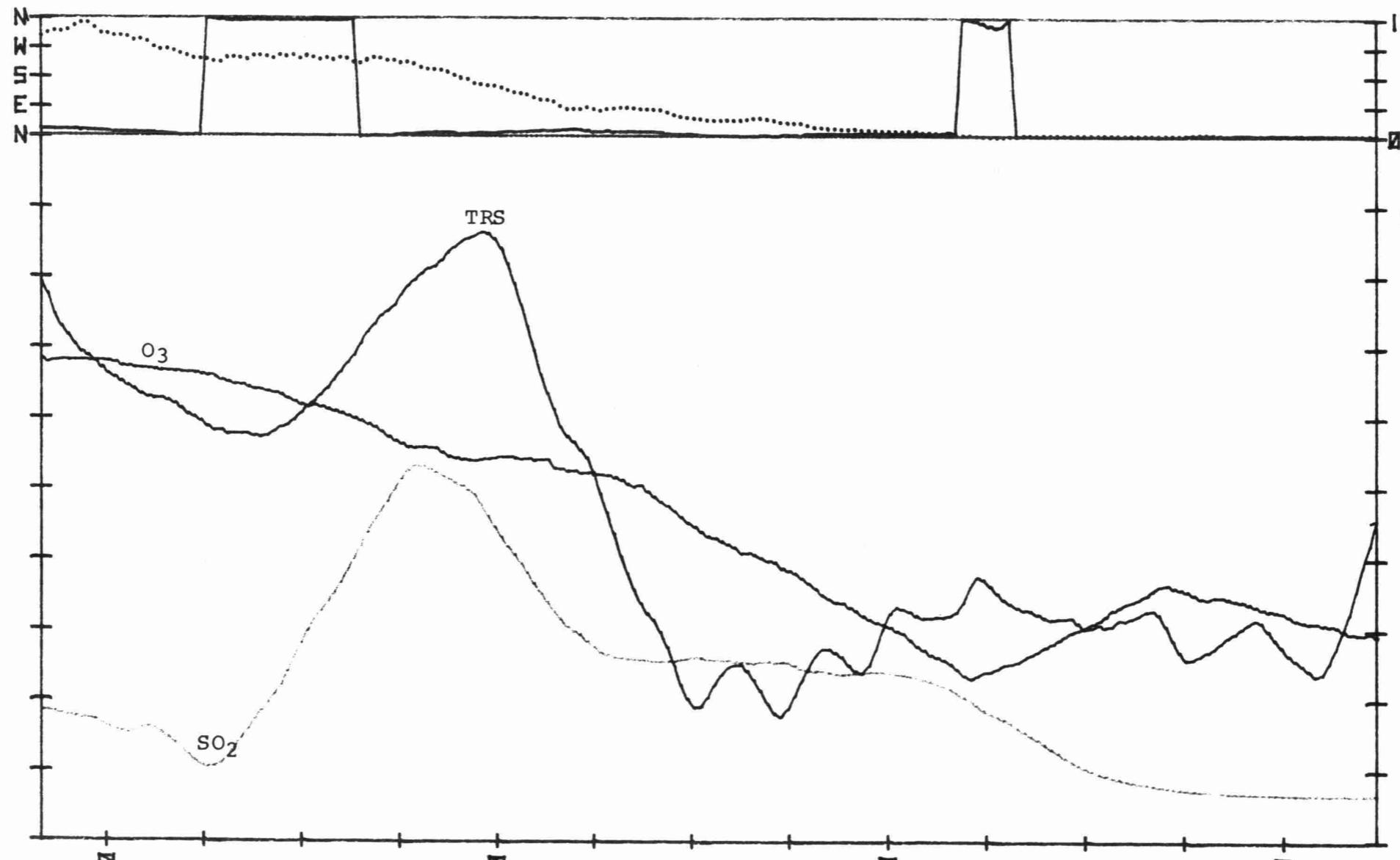
3.0

2.0

1.0

.0

EO



TIME

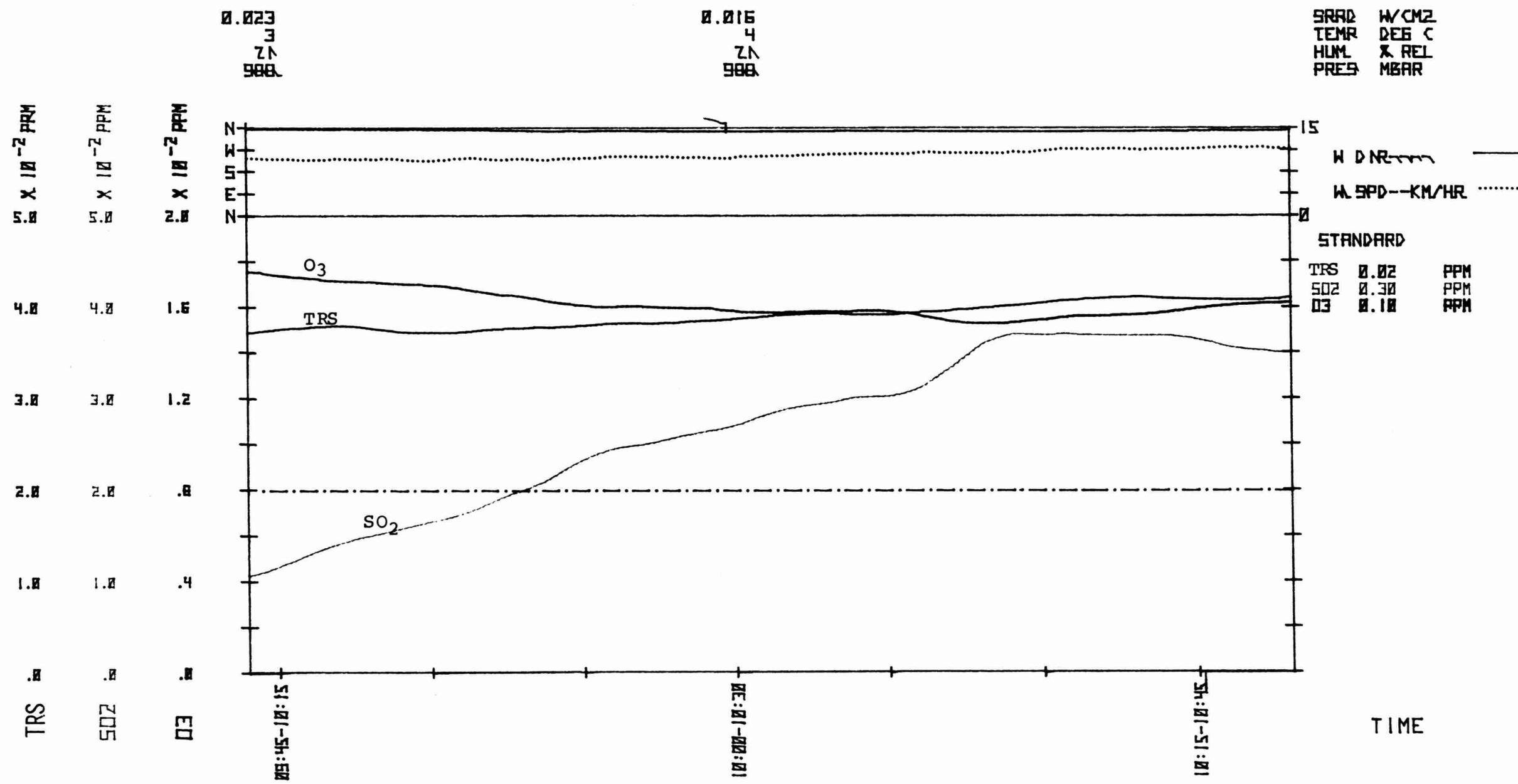
W DIR---DEG  
W SPD--KM/HR  
STANDARD  
TRS 0.02 PPM  
SO2 2.37 PPM

## TERRACE BAY #17

09444 OCT NE 922

SCAN= 30 SEC RVE= 30 MIN

MNL RD. 049220-54042 X 80 DEG, 400M/SOURCE



TERRACE BAY #19

15:17 OCT 15 1977

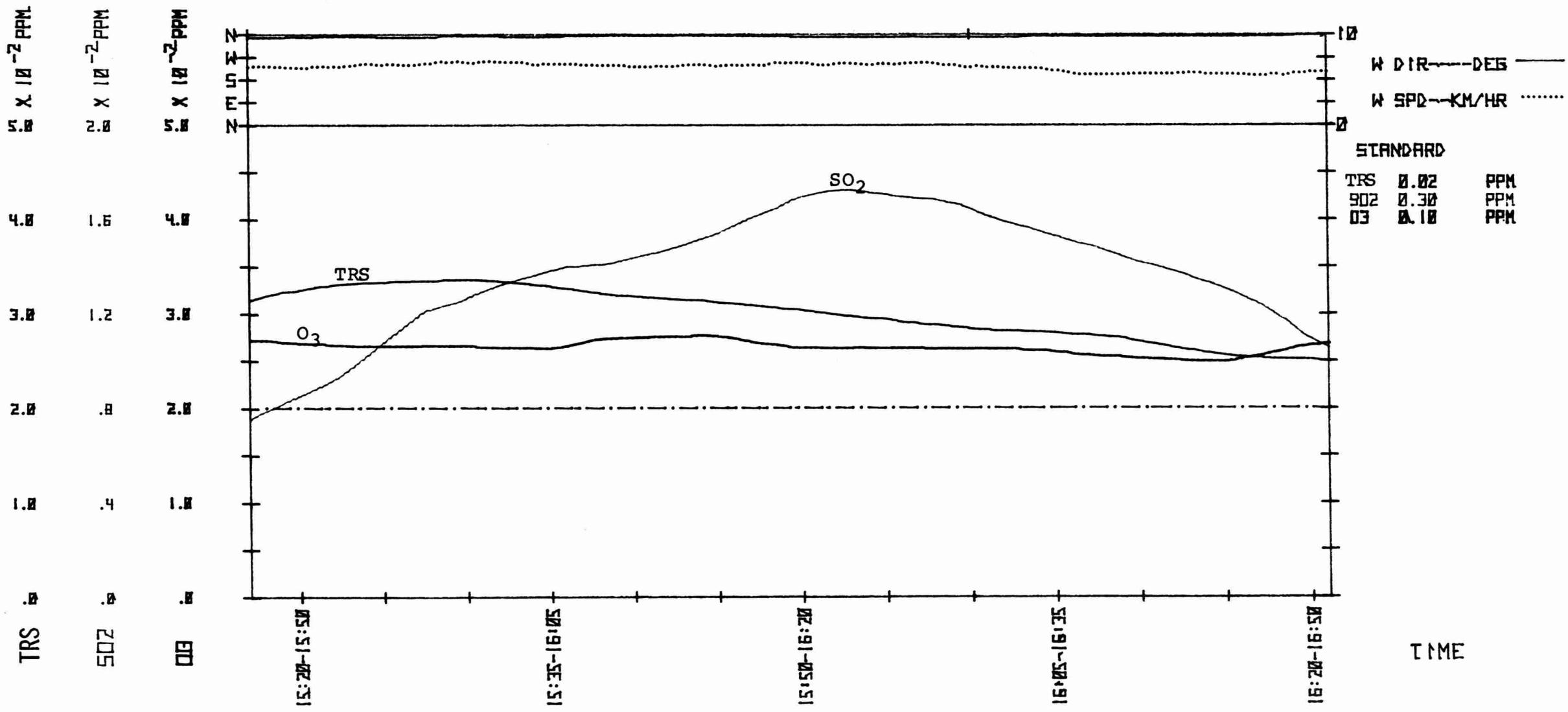
SCAN= 30 SEC AVE= 30 MIN

TERRACE BAY MILL RD. / (49240-54042) / 0.7KM / 170065/SOURCE

0.014  
8  
30  
986

0.00

SRAD  
TEMP  
HUM  
PRES



TERRACE BAY #21

10:49 OCT 16 1977

SCAN= 30 SEC AVE= 30 MIN

HWY #17 WEST OF T.B. (49080-54035) 12.0KM & 225065/SOURCE

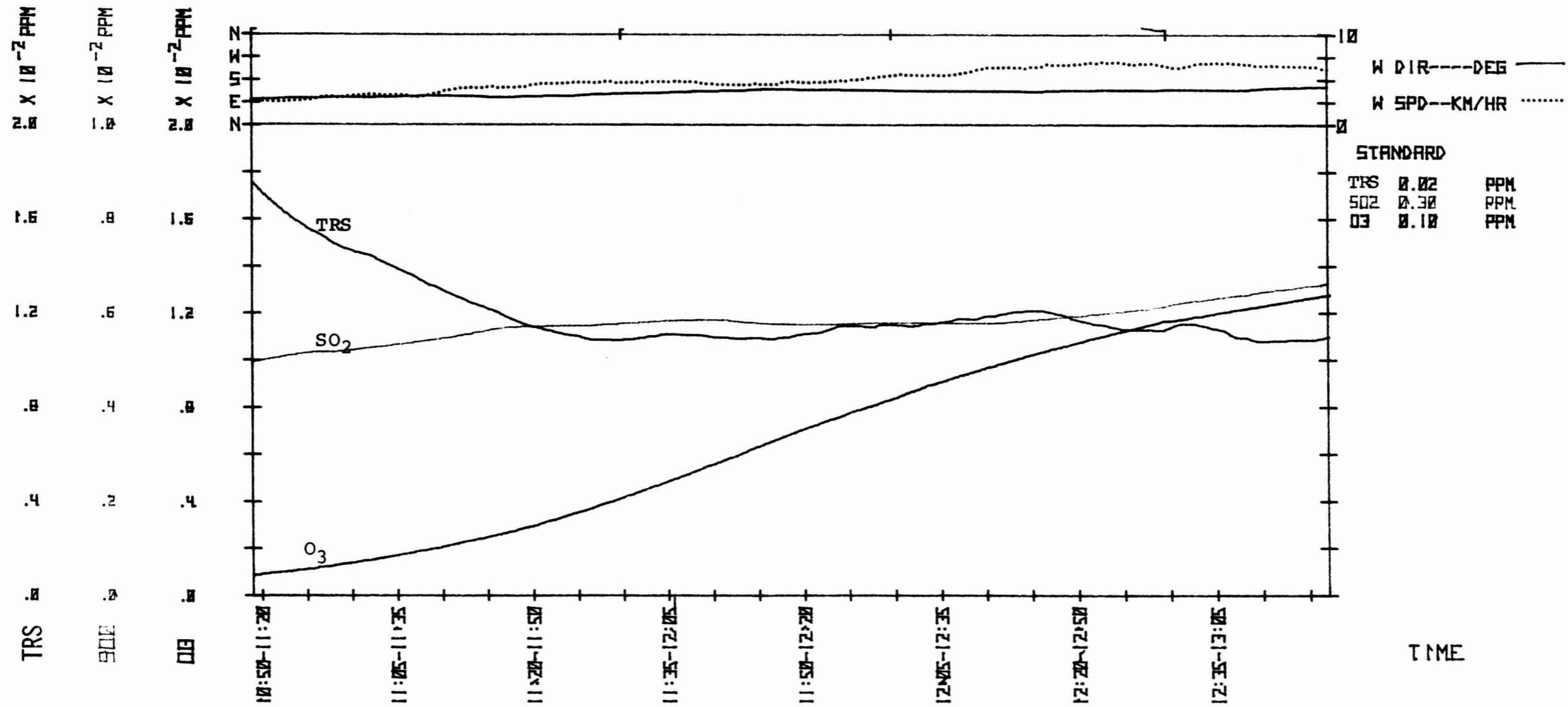
0.023  
5  
52  
989

0.048  
E  
47  
989

4.05

0.09

SRAD  
TEMP  
HUM  
PRES



# TERRACE BAY #23

13:04 OCT 17 1977

SCAN= 60 SEC AVE= 30 MIN

TERRACE BAY MILL RD.; (49150-54067), 2.3KM, 315 DEG/SOURCE

0.023  
10  
75  
968

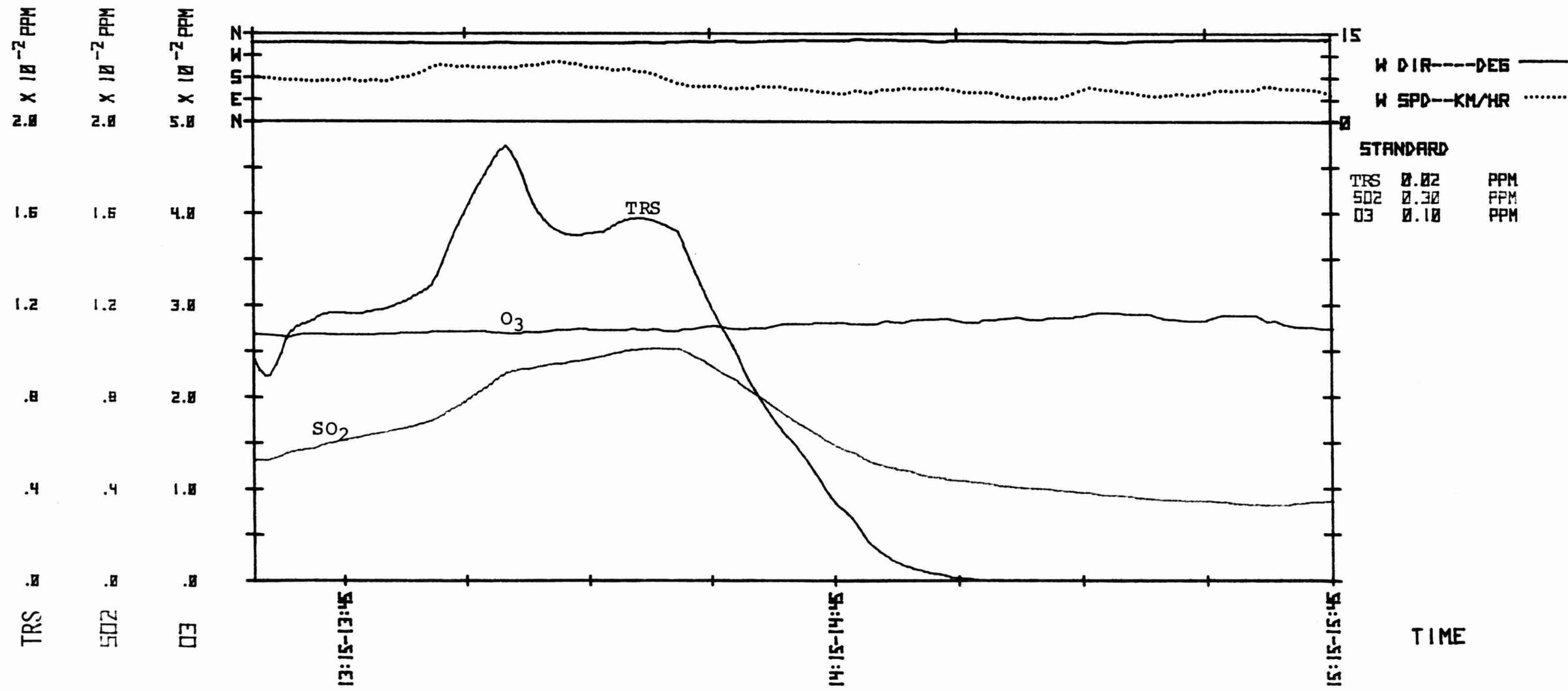
0.024  
11  
72  
967

0.027  
11  
71  
967

0.028  
11  
71  
966

0.018  
10  
73  
966

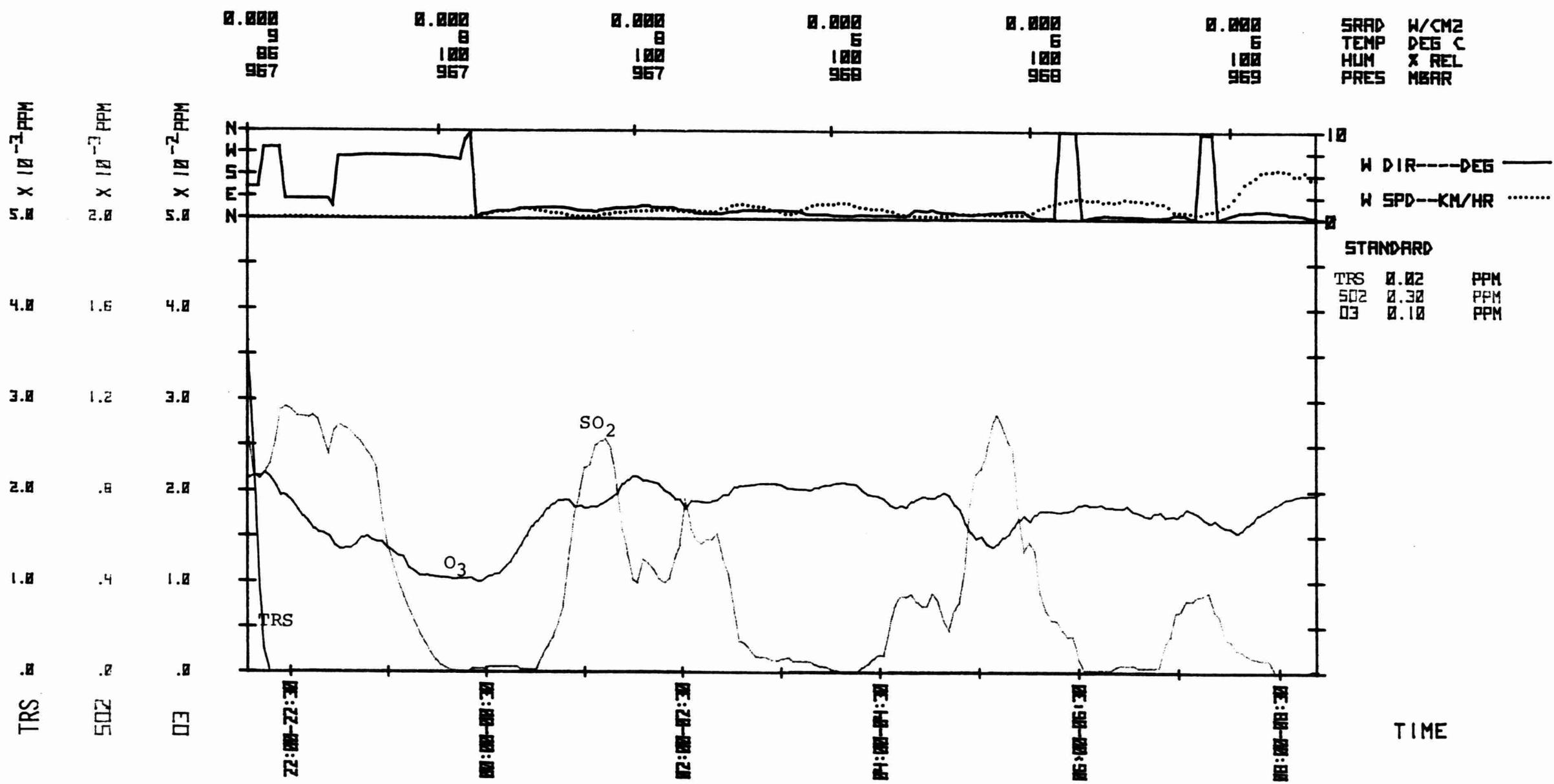
SRAD W/CM<sup>2</sup>  
TEMP DEG C  
HUM % REL  
PRES MBAR



# TERRACE BAY #26

21:34 OCT 17 1977  
LOGGING RD. (49070-54062); 2.1 KM 225 DEG/SOURCE

SCAN= 90 SEC AVE= 30 MIN



# TERRACE BAY #29

14:15 SEP 30 1977

SCAN= 60 SEC AVE= 30 MIN

MILL RD. NEXT TO CEMETARY; (49249-54041), .79KM, 165DEG/SOURCE

$\text{NO}_x \times 10^{-2}$  PPM

$\text{NO}_x \times 10^{-2}$  PPM

1.6 4.0

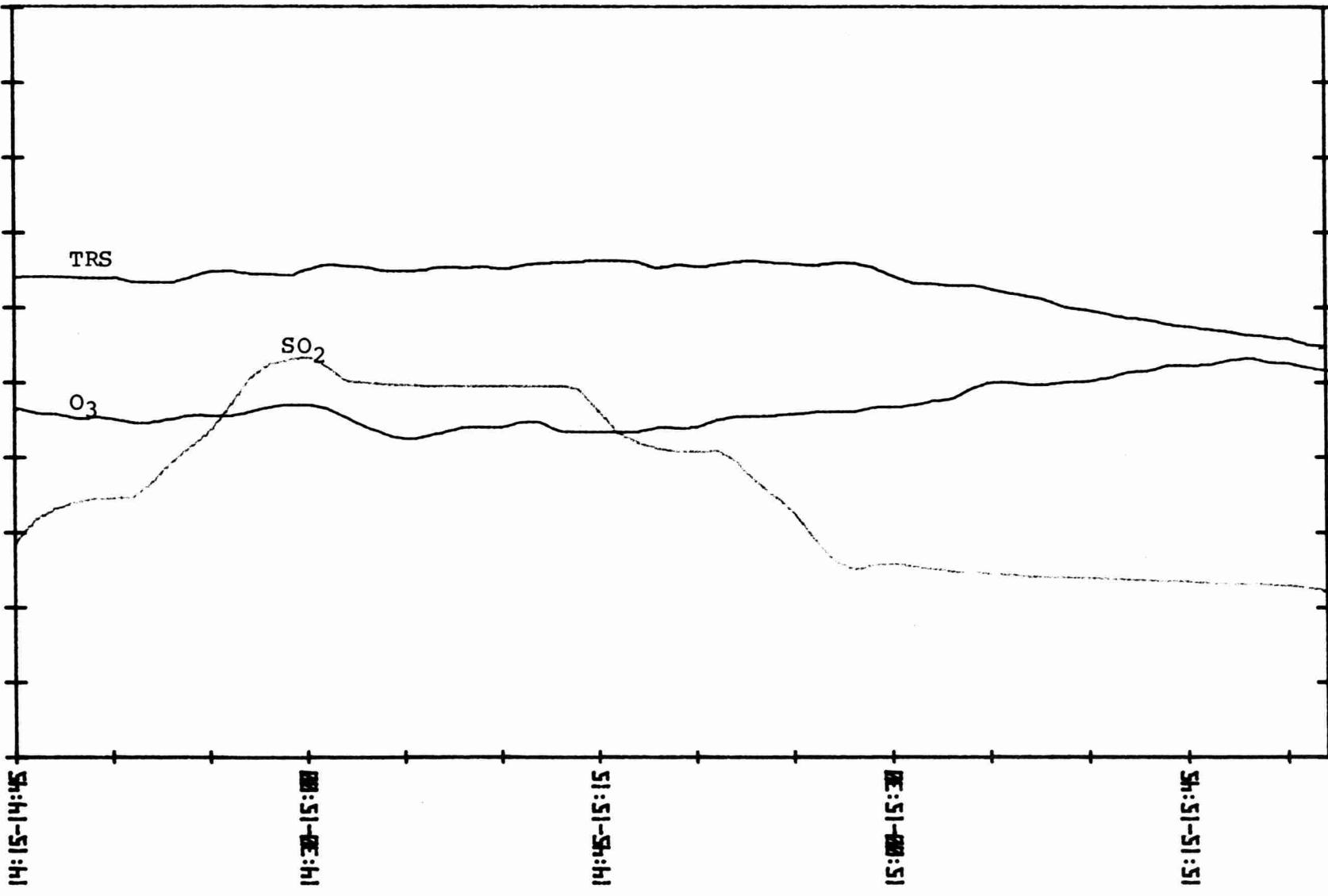
1.2 3.2

.8 2.2

.4 1.2

.0 2.0

TRS 5.0



TIME

## TERRACE BAY #31

14:35 OCT 1 1977

SCAN= 300 SEC AVE= 30 MIN

BEACH &amp; LAKE SUPERIOR; (49165-59018), 3.1 KM, 195 DEG/SOURCE

 $\text{NO}_x \times 10^{-3}$  PPM $\text{NO}_x \times 10^{-2}$  PPM

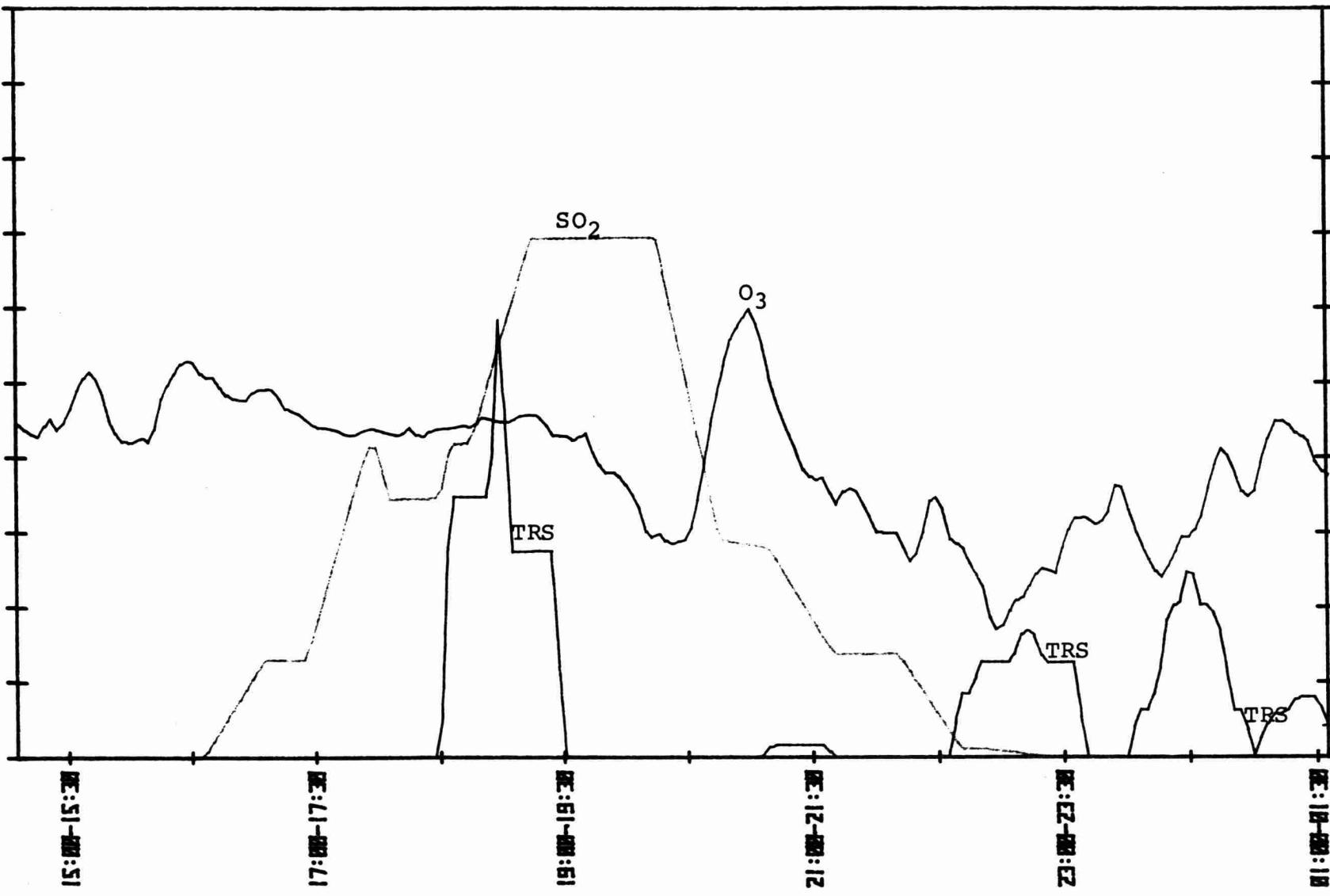
4.0

3.0

2.0

1.0

TRS



## STANDARD

TRS 0.02  
SO<sub>2</sub> 0.30  
O<sub>3</sub> 0.10PPM  
PPM  
PPM

TIME

# TERRACE BAY #34

16:25 OCT 2 1977

SCAN= 100 SEC AVE= 30 MIN

IMPERIAL MOTEL IN T.B. (49255-54038); 1.5KM E 175065/SOURCE

$2.0 \times 10^{-2}$  PPM

$5.0 \times 10^{-2}$  PPM

1.6 1.0

1.2 0.6

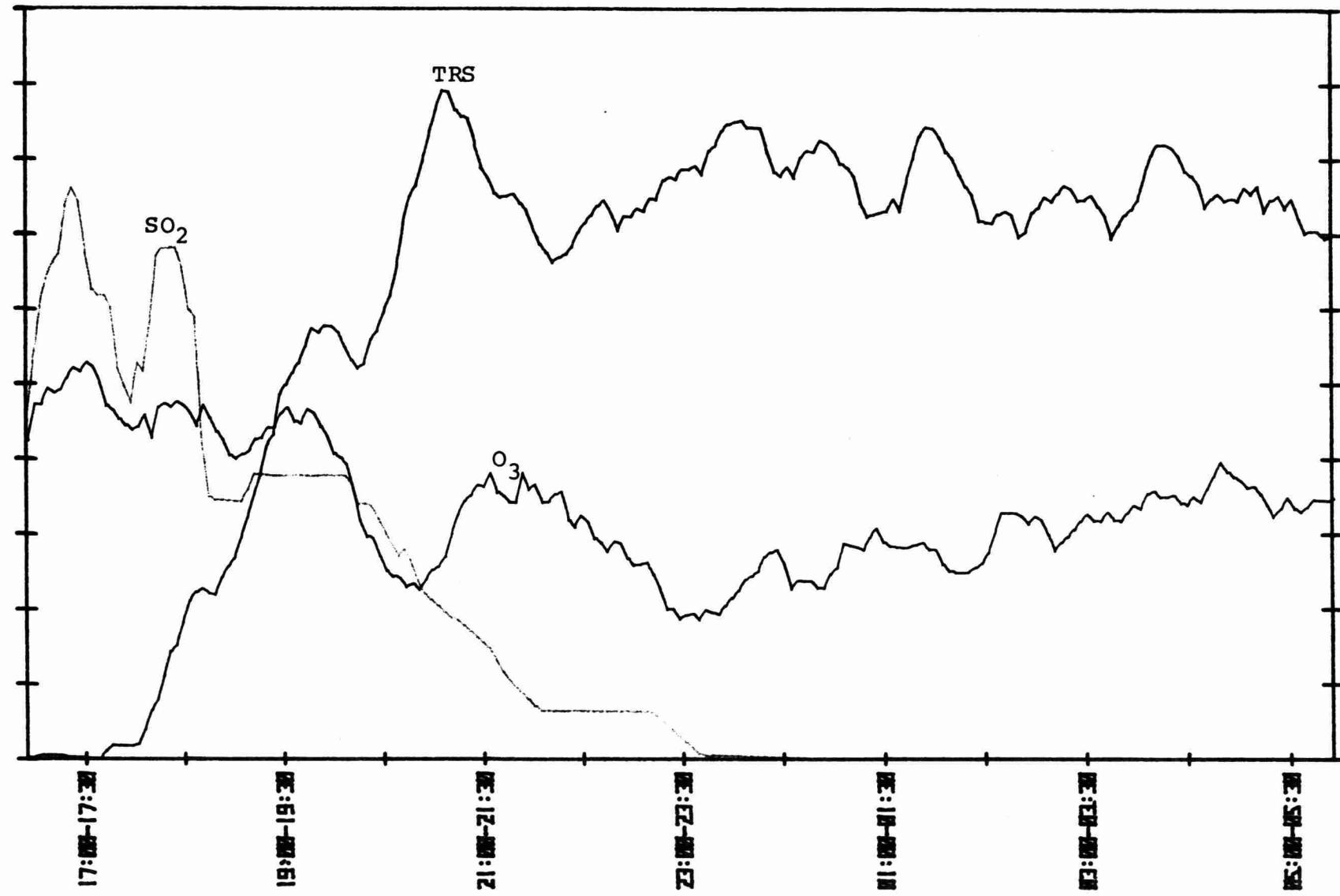
0.8 0.2

0.4 0.0

TRS

5.0 1.0

2.0 0.5



## STANDARD

TRS 0.02  
SO2 0.30  
O3 0.10

PPM  
PPM  
PPM

TIME

## TERRACE BAY #33

14:25 OCT 2 1977

SCAN= 60 SEC RYE= 30 MIN

REC. CENTER PARKING LOT(49258-54031); 1.8KM &amp; 185DEG/SOURCE

5.0 X 10<sup>-3</sup> PPM2.5 X 10<sup>-2</sup> PPM

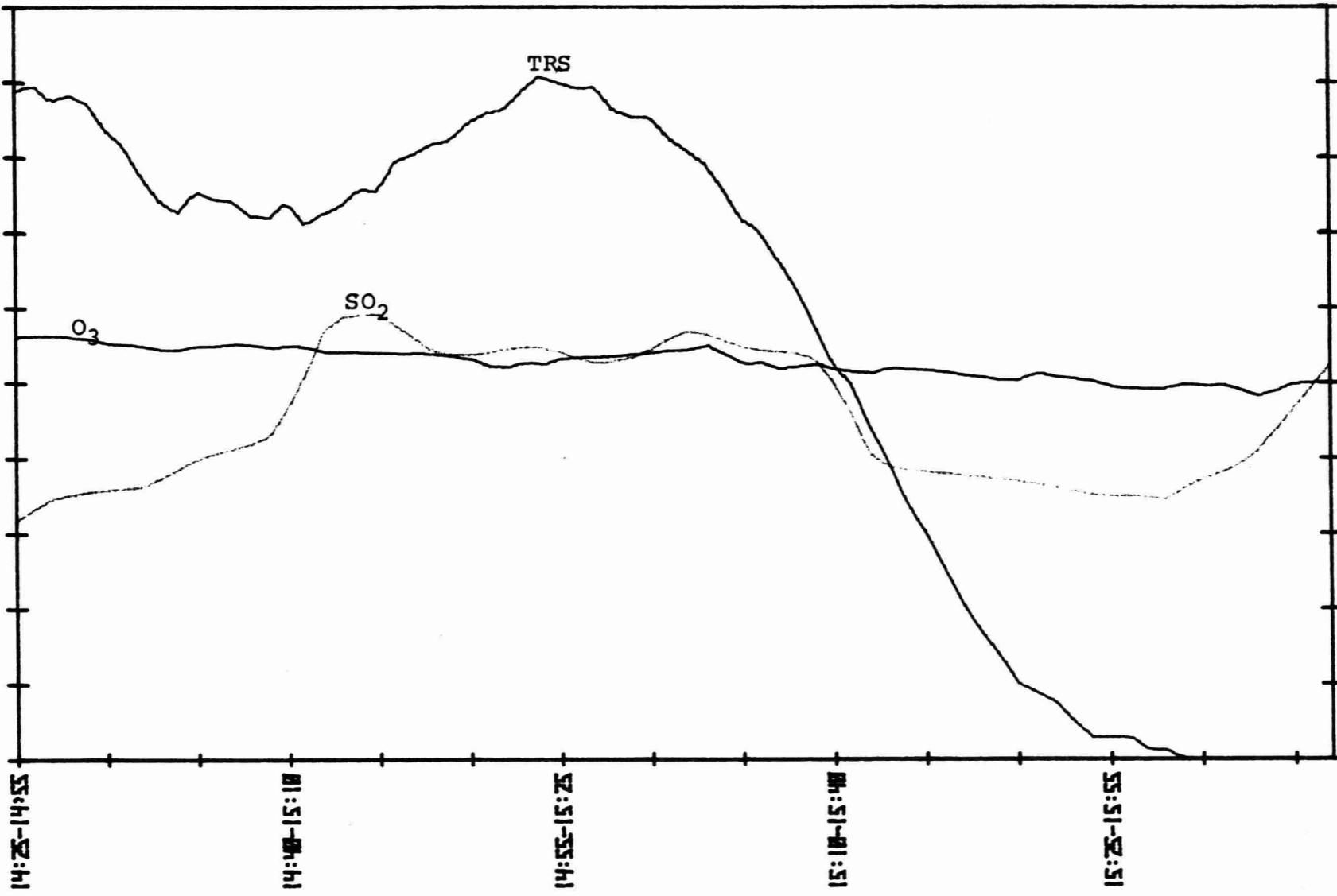
4.0 1.6 4.0

3.0 1.2 3.0

2.0 0.8 2.0

1.0 0.4 1.0

0.0 0.2 0.0

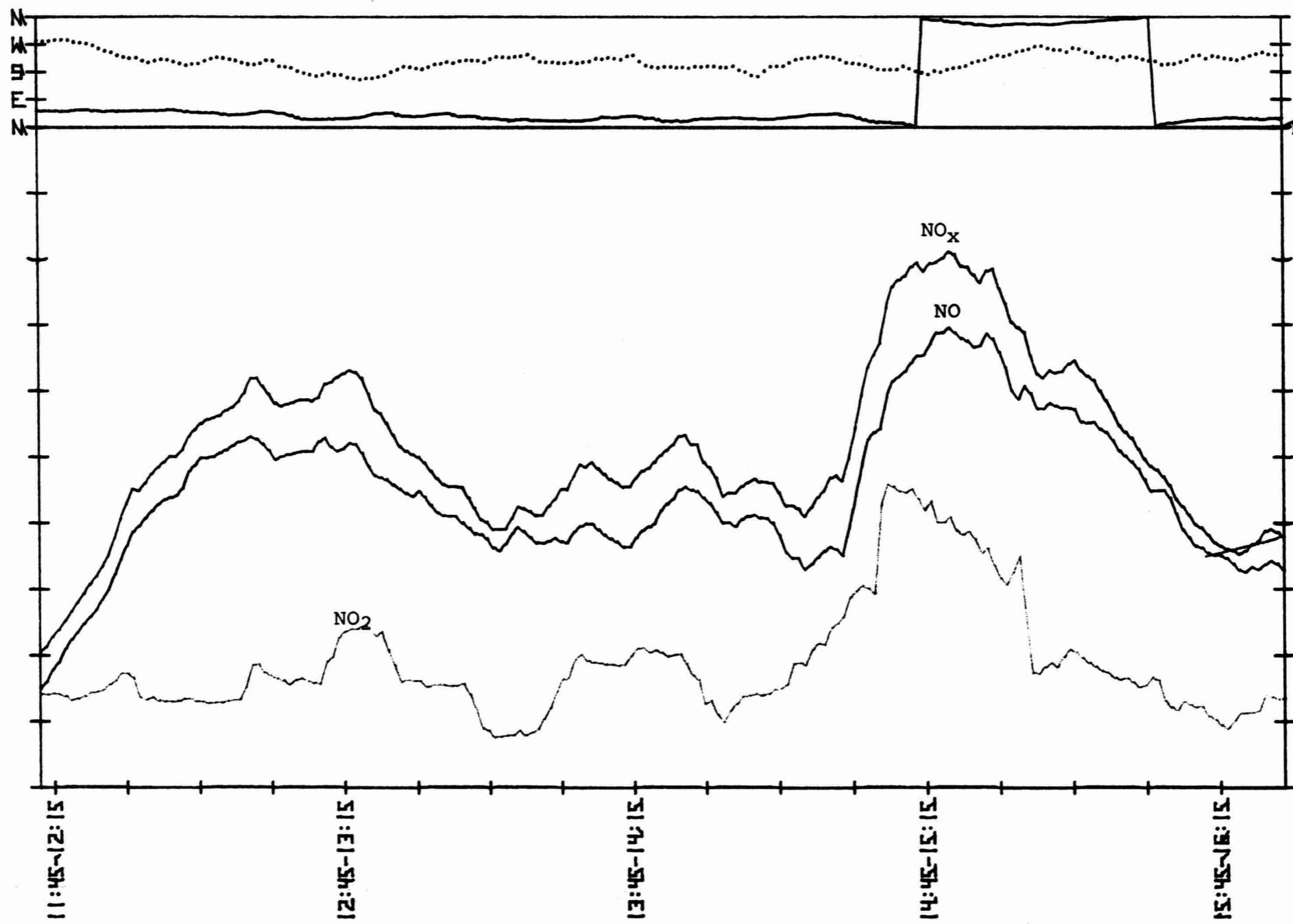


## TERRACE BAY #2

11:42 SEP 30 1977

SCAN= 30 SEC AVE= 30 MIN

BRIDGE WEST T.B. (49160-54034), 1.4 KM. 210 DEG / SOURCE

W X 10<sup>-6</sup> PPMW X 10<sup>-6</sup> PPM

## TERRACE BAY #11

17:20 OCT 2 1977

SCAN= 60 SEC AVE= 30 MIN

SOUTH OF GOLF CLB. (49170-54017); 3.1 KM, 190DG/SOURCE

MMH 1-10 X 1000

1.5

1.2

.9

.6

NOX NO2 DN

MMH 1-10 X 1000

.8

.5

.2

NO2 DN

MMH 1-10 X 1000

.6

.3

.1

NO2 DN

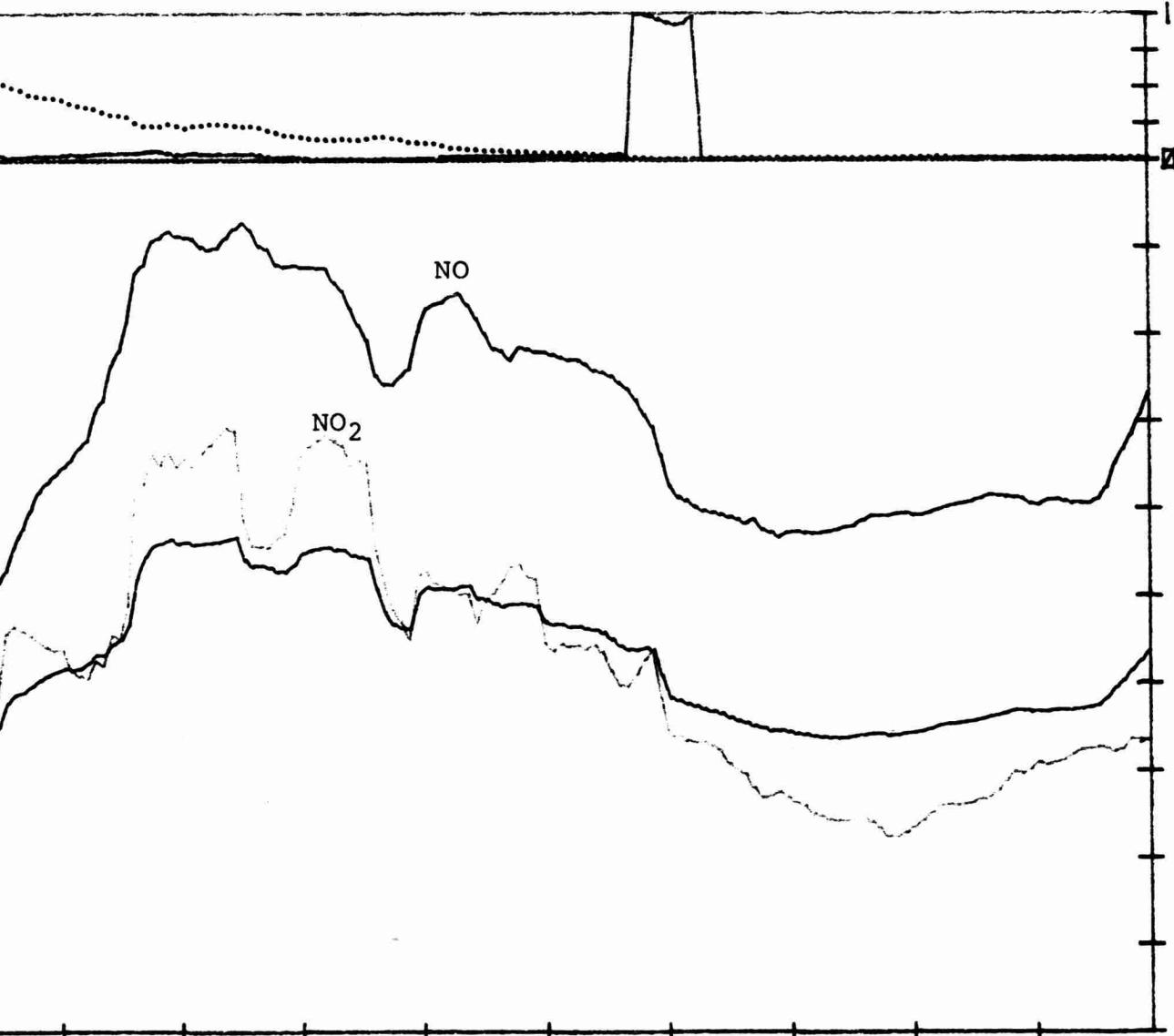
17:30-18:00

18:00-18:30

18:30-19:00

19:00-19:30

TIME

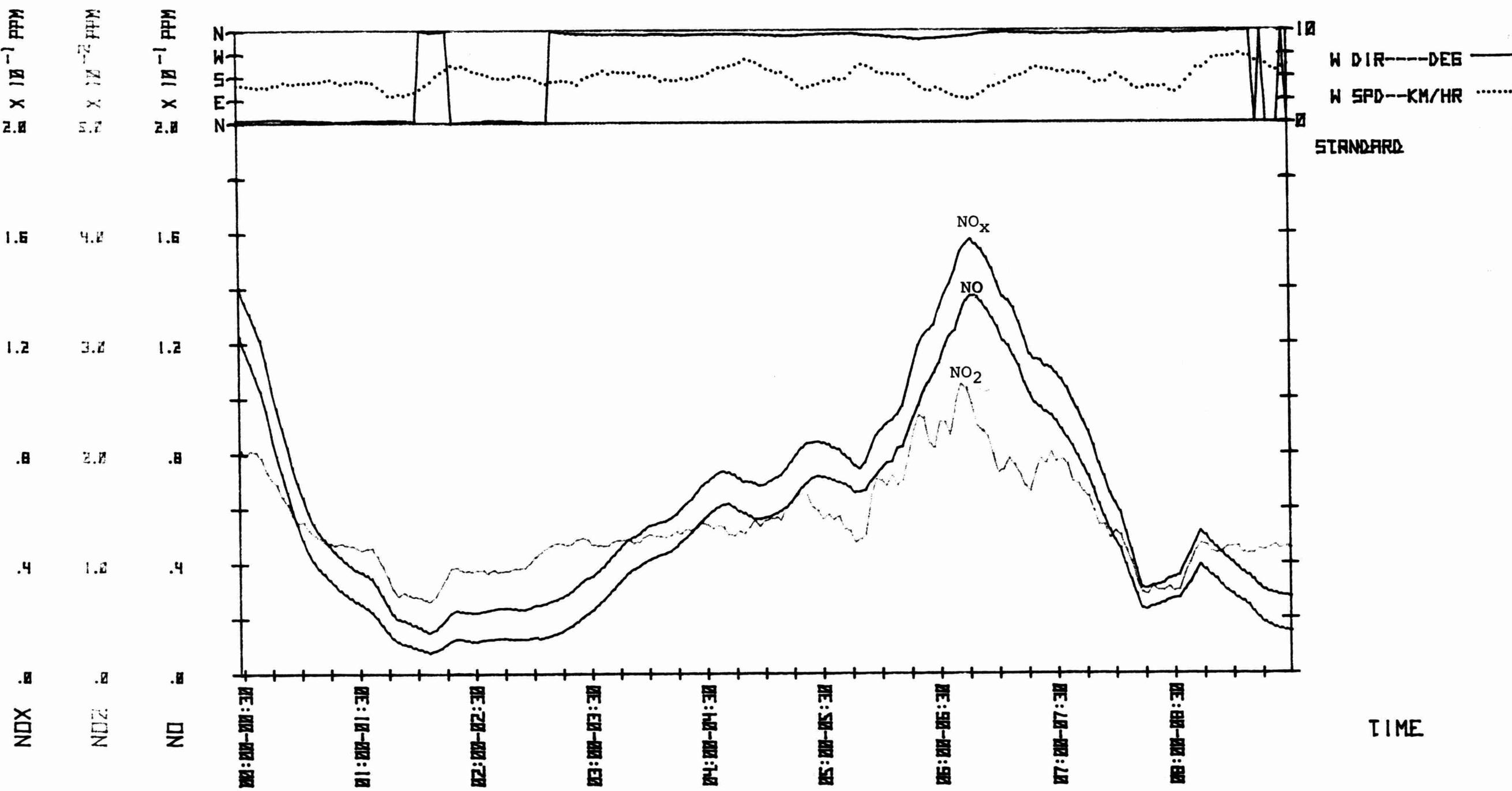


TERRACE BAY #13

23:58 OCT 2 1977

SCAN= 60 SEC AVE= 30 MIN

SOUTH DE GOLE CLUB, (49170-54012), 3.1 KM., 1900' SOURCE

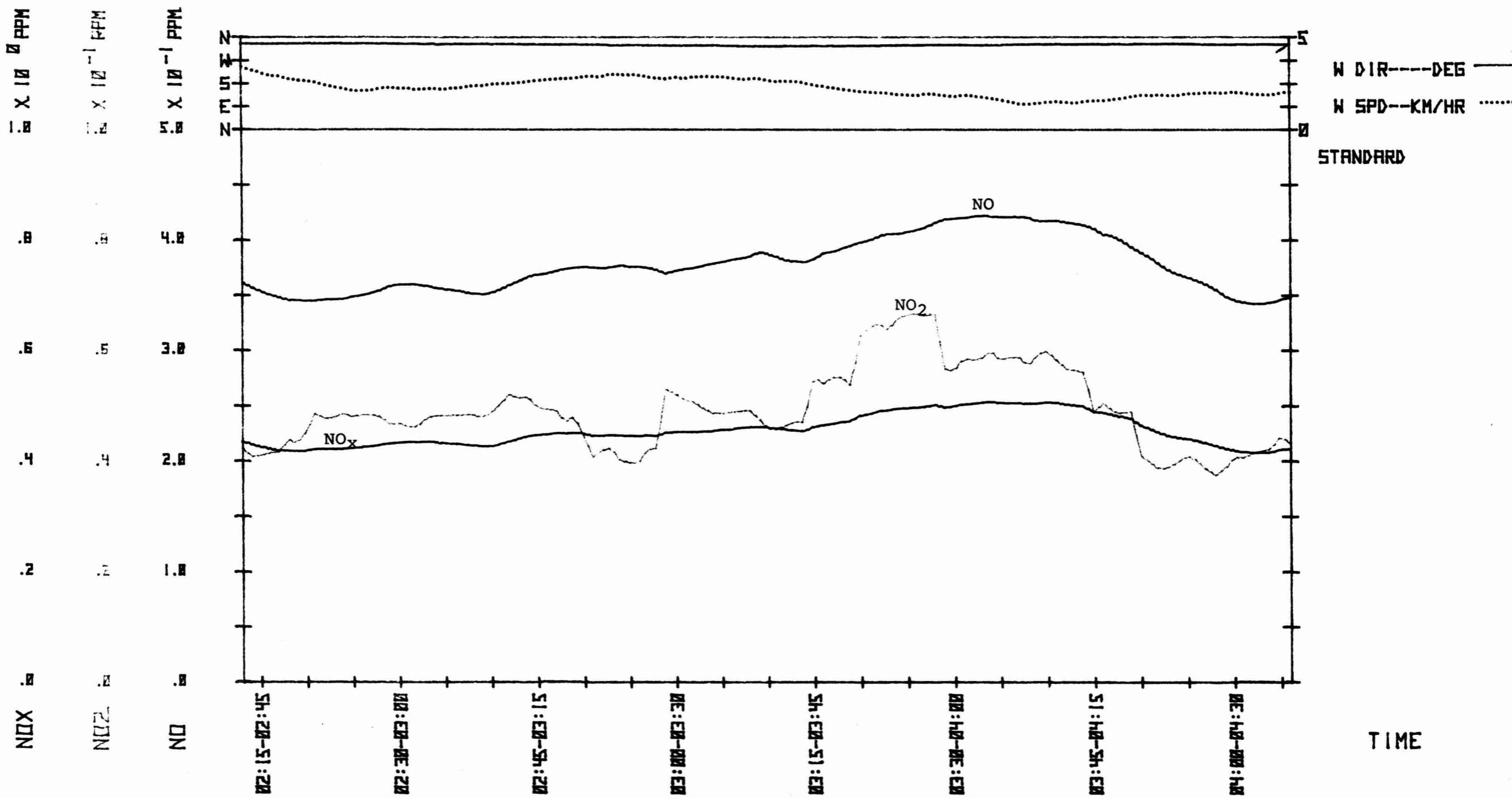


TERRACE BAY #15

02:13 OCT 4 1977

SCAN= 60 SEC AVE= 30 MIN

\*169 BIRCH STREET, (49250-54035), 1.1KM., 170065/SOURCE





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MOE/TER/AMB/ALMR

MOE/TER/AMB/ALMR  
Ontario Ministry of the En  
Ambient air survey  
in Terrace Bay 1977 almr  
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